

# **Central Pennsylvania Repeater Association Inc.**

## **W3ND November 2012**

**NOTICE:** The next CPRA meeting will be Thursday, November 15, 2012 at 7:00 PM at The Wharf on Derry Street, Harrisburg. Come early to enjoy the food and drink.

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

### **TECHNICAL STUFF:**

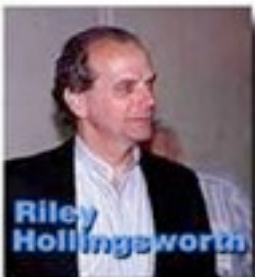
A 10 GHz microwave connection to the Clear Channel Studios is ready for installation. A few more final approvals are coming soon. The RF link has been tested and a dish on Building # 3 has been mounted and is operational. The signal level at Clear Channel was verified using a portable dish. This path will provide over 50 Mbps to W3HP at the studio. This link is for disaster communications and not for the day to day operation of the station.

Weekly Saturday learning sessions are available to all. This starts Saturdays at 8:30 AM. We meet at McDonalds on Front Street at Linglestown Road (RTE 39), Harrisburg. After breakfast we caravan to one of many mountain top locations: Blue Mountain, Reeser's Summit, Newport, Cornwall, SPARC, Red Lion, Truce, White Rock, Waggoner's Gap, or Big Flat. There you will be able to have a hands-on experience. Many sessions are planned to be half day in length but feel free to leave at any time. An email will be sent out in advance of Saturday to let you know what is planned or if there is a postponement. If you would like your name added to the email list, send an email to: [wa3cpo@arrl.net](mailto:wa3cpo@arrl.net) or call Gary Blacksmith, 574-0425. Recent sessions have been held at Blue Mountain, SPARC (Manheim), Waggoner's Gap, White Rock, and Reeser's Summit. Future sessions will include all of the sites. Learning experiences will include: Mounting additional cameras, adding cameras to the firmware, adding and replacing cabling, adding remote base interfaces to UHF repeaters, repeater PM, adding network phones, installing microwave transmitters and receivers, etc.

The linking of multiple repeaters is making progress. We will have a report at the next meeting.

The next CPRA meeting will be Thursday, November 15, 2012 at 7:00 PM at The Wharf on Derry Street, Harrisburg. Come early to enjoy the food and drink. This meeting Riley Hollingsworth, K4ZDH, will be speaking. One of his favorite topics is the future of ham radio. He is an entertaining and thoughtful speaker. We keep inviting him back since everyone enjoyed his talks.

### **RILEY HOLLINGSWORTH, K4ZDH, APPOINTED ASSIST ARRL ATLANTIC DIV DIRECTOR:**



On October 25, ARRL Atlantic Division Director Bill Edgar, N3LLR, announced that he had appointed Riley Hollingsworth, K4ZDH, former Special Counsel for the Spectrum Enforcement Division of the FCC's Enforcement Bureau, an Assistant Director for the Atlantic Division; Hollingsworth retired from the FCC earlier this year. Assistant Directors are personal appointees of Directors who are chosen to aid in the normal routine of administering the Division; they usually have knowledge or expertise in a certain area concerning Amateur Radio. There are currently nine Assistant Directors in the Atlantic Division.

## **RILEY HOLLINGSWORTH, K4ZDH, NAMED CQ CONTRIBUTING EDITOR:**

### **Succeeds Fred Maia, W5YI (Silent Key)**

(Hicksville, NY) April 17, 2012 -- Retired FCC amateur radio enforcement chief Riley Hollingsworth, K4ZDH, has been named a CQ magazine contributing editor, it was announced today by CQ Editor Rich Moseson, W2VU. Hollingsworth will succeed "Washington Readout" editor Fred Maia, W5YI, who recently became a Silent Key.

Hollingsworth, a ham since 1960 and a longtime FCC attorney, became a household name in amateur radio in 1998 when he was named Special Counsel for Amateur Radio in the Commission's newly-created Enforcement Bureau. His highly-visible enforcement actions were cheered by a vast majority of the amateur community after more than a decade during which FCC enforcement on the ham bands was virtually non-existent. Hollingsworth retired from the FCC in 2008, but has continued to be in demand as a speaker at ham fests and radio club meetings.

His new monthly column - to be titled "Riley's Ramblings" - will incorporate "Washington Readout's" coverage of legislative and administrative actions that affect amateur radio, as well as additional topics of importance and/or interest to CQ's readers, all related in the distinctive common-sense style that has made Riley a sought-after speaker. His first column will appear in the July, 2012, issue of CQ, and will explain why ongoing FCC enforcement actions since his retirement have been somewhat "under the radar."

"We are pleased and honored to have Riley joining our staff," said Moseson. "His stature in the amateur radio community is second-to-none, and his ability to explain sometimes-arcane legal and regulatory language in plain English fits right in with CQ's long-standing dedication to providing practical, useful information for our readers to help them get the most enjoyment possible out of the amateur radio hobby. I look forward to a long and fruitful relationship." "I am delighted to have the opportunity to contribute to CQ and to amateur radio generally," noted Hollingsworth. "As a 13-year-old Novice in South Carolina nervously making my first contact with an overheated Johnson Challenger and a barely effective vertical, not in my wildest imagination did I think I would be writing for a ham radio magazine someday. I am very appreciative of this offer and I hope I can be a valuable asset to the magazine."

Hollingsworth holds a Master's degree from the University of South Carolina, and a law degree from Wake Forest University. He lives in Gettysburg, Pennsylvania, with his wife, Pat.

## **FUTURE MEETINGS:**

December 6, 2012: CPRA Board Meeting at The Wharf, 6:30 PM

December: No general meeting. Enjoy the holidays

January 17, 2013: Tour of Air National Guard Middletown  
Field trip: Exact date and time to be announced

Or Dan Rapak, WA3ATV  
Amateurs monitoring the Railroad signals, audio, and possible video.

February 15, 2013: Dan Rapak or Air National Guard field trip

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

### **ACS:**

OK, folks, you have a new term to get used to: "ACS", or **Auxiliary Communications Service**. What is that, you ask? The Pennsylvania ACS is based on RACES, but includes the use of non-amateur radio volunteers and beyond, only utilizing them during emergencies. Others who may not be licensed amateur radio operators also provide emergency communications support through organizations such as: Radio Emergency Associated Communications Team (REACT), the Civil Air Patrol (CAP), the U.S. Coast Guard Auxiliary (USCGAUX), and others. So, when you discuss emergency communications in broad terms you should think in terms of "ACS" and should get used to hearing that acronym.

### **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.

### **WAN REPEATER SYSTEM COMES INTO SOUTHCENTRAL PENNSYLVANIA:**

The WAN - repeater system has two new nodes in our area, 444.250 PL 123 and 146.925 PL 74.4 are two nodes in our area for accessing the net. Further information about the system can be found at [www.wanrepeater.com](http://www.wanrepeater.com). The net is held Sunday evenings at 9 PM. The net uses Allstar technology to link repeaters across a wide area of Pennsylvania and Maryland. It also opens out to many other hams as far away as Hawaii using 2 meters. Word has it some hams in York County are also working on an Allstar net for several of their repeaters.

## **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.

## **“BOILER PLATE”: From your editor, W3HUP**

### **Officers, Board, and Committee Members**

<b>President:</b>	<b>WA3CPO Gary Blacksmith, MD</b>
<b>V. President:</b>	<b>KA3AAA Terry Phillips</b>
<b>Secretary:</b>	<b>KA3ECQ Terry Ash</b>
<b>Treasurer:</b>	<b>KA3ECQ Terry Ash</b>
<b>Past President:</b>	<b>K3SZX Alan Abt</b>
<b>Trustee for W3ND:</b>	<b>KA3AAA Terry Phillips</b>
<b>Member at large:</b>	<b>WA3MMD Bob Kurtinecz</b>
<b>Member at large:</b>	<b>K3DRE Douglas Evans</b>
<b>Member at large:</b>	<b>AA3T Nick Rylatt</b>
<b>Alternates:</b>	<b>KA0JQO Kevin Magloughlin</b>
	<b>KB3RRV Mike Brulo</b>
	<b>N3JQM Neil Shatto</b>
<b>Web Master:</b>	<b>N3PRO Dave Hoffman</b>
<b>IRLP Committee:</b>	<b>KA0JQO Kevin Magloughlin</b>
<b>ACS/RACES team:</b>	<b>KB3BAA Marty Gutekunst, Dauphin County ACS Officer</b>
	<b>KB3OTY Rodney Gallagher, Assistant PEMA ACS Officer</b>
	<b>K3DRE Doug Evans</b>
<b>Public Relations:</b>	<b>W3KB Keith Beebe</b>
<b>Recruitment :</b>	<b>KZ3J Curtis Zell</b>
<b>News Letter Editor:</b>	<b>W3HUP Roger Urban</b>

### **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](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 ON PAGE 6.**

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

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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: \_\_\_\_\_