

# Watt's Up

*Newsletter for the Umpqua Valley  
Amateur Radio Club  
P.O. Box 925 Roseburg, OR 97470*

**March 2014**

*Watt's Up Staff: Editor, email distribution - Wayne W9AE  
Paper distribution - Russ, W7DUR*

## **President**

Jim Stuntz KF7FIB

## **1st Vice President**

Lynn, W7HDU

## **2nd Vice President**

Rick, W7DFV

## **Secretary**

Russ, W7DUR

## **Treasurer**

Jim AE7QK

## **Member-at-Large**

Rick, W7DFV  
Hutch, KE7JFQ

## **Club Call Signs**

**KC7UAV  
KC7TLY**

## **ARES Nets**

*Douglas County ARES  
146.900 repeater  
Mondays at 7 PM*

*District 5 ARES  
3964 kHz  
Sundays at 5:30 PM*

## **President's Message**

Greetings to all the UVARC Members and guests.

I wish to thank everyone who attended the February meeting; once again we had a packed house. We had 23 members and 2 visitors attend, thank you again to everyone.

The meeting was a packed slate of business starting off with the Early Bird drawing and Minnie and Jim Aday (KD7SDI & KC7FW) have a check in the mail, congratulations and thank you for renewing early. Wayne (W9AE) volunteered his talents for the Field Day site at Whistlers Bend in June, if you are going to attend or camp or can help please contact Wayne. The Morse Code class will begin in March one hour before the March meeting on the 20<sup>th</sup>, please contact Steve Burke (KB7WDP) if you plan on attending.

Once again the Technician class was brought up and Mike Harbin (W7OVN) will meet with Jerry Eifert (AE7ER) and try to schedule a class for late March, please contact them if you wish to have a spot in the class.

I would like to thank Dick and Anne Wolf (AA7GC & AA7GD) for the countless hours working on the UVARC website over the past 18 years. His time and dedication to this site and the club has been enormous. With that said a new webpage is under construction and will eventually be a stop for current UVARC information. You can watch the progress at [www.uvarc.net](http://www.uvarc.net) and send me any constructive comments. I talked personally with Dick and at age 82 he is fully supporting the new site, and he wants to try and attend a meeting in the future. I look forward to working closely with Dick the coming weeks as we meld these two sites. Thank you again to Dick for all of his time and efforts.

George Roth (KE7MVX) gave a great presentation on Anderson Power Pole Connectors and Power Pole technology, I learned how to make power connections better and more universal in my ham shack.

Also before I forget, Wayne (W9AE) and Steve (KF7UBQ) will be the UVARC contacts for the Tour De Fronds in June this year. Thank you both for taking on this event.

Hope to see you all at the next meeting.

73's to everyone Jim Stuntz KF7FIB

## UVARC MEMBERSHIP

As of Feb. 25, 2014, the club has 58 members and associate members.

The renewal form is on the last page.  
Online renewal is no longer available.

**If you have ham equipment to sell,  
it can be advertised in Watts Up.**

## Presentation at March 20 Meeting

At the March meeting Wayne W9AE will give a presentation that compares 3 methods to power an HF radio and laptop computer from a 12 Volt battery.

## Editor's Note

I always need articles about club activities, operating events, etc.

Every member is encouraged to submit articles and photos to w9ae@charter.net

Wayne Estes W9AE



## SUNSHINE

If you hear of someone who is ill or in the hospital, please let me know. Also notify me of any silent keys.

**Russ Nelson, W7DUR, at 440-3840**

## UVARC REPEATERS

146.900-, PL 100 (Lane Mountain)

147.120-, PL 100 (Boomer Hill)

## PACKET NODE

144.930, DC:WB6RHW-10

## New UVARC Web Page

<http://www.uvarc.net>

### NOTES:

1. Watt's Up is **online** in the UVARC web Page.  
It may be viewed in PDF format.
3. The **club roster** (names and callsigns) is online.
4. Club **constitution** is available as a linked page.
5. Recent issues of **Watt's Up** are available in PDF format.

## VE Testing in Douglas County

Testing sessions are affiliated with the ARRL. They are scheduled the second Wednesday of even months except August. Sessions are held in Roseburg at the Douglas County Courthouse, room 310, 6 PM.

### ARRL VEC Test Fee for 2014 is \$15.00

This fee is charged once, no matter whether taking any one, two, three or all four test elements, one time. Retests of an element failed at the same test session will require payment of an additional test fee.

### 2014 Testing Dates Second Wednesday of each even Month

**February 12**

**April 9**

June 11

August - None

October 8

December 10

**For further information contact Jim WA6KHG,  
at (541) 496-2262**

## Feb. 20 Meeting Minutes

Minutes of Feb. 20 club meeting 27 present.

Pres. Jim KF7FIB opened meeting. Roll call with name and call sign.

Reading of January minutes by secretary.

Treasury report- balance of \$3776.00

Minnie Aday won the early bird drawing.

Repeater report- all repeaters working.

Field Day discussed. Wayne W9AE, will be chairman of our activities.

The Tech license class will be given on April 9, here at Court House. Several from Reedsport are ready for the test.

All area Ham "silent keys" will be listed in our web page.

Member roster will contain name and call sign only.

President Jim obtained a new web domain of [www.uvarc.net](http://www.uvarc.net), and is creating a new web page.

Wayne will handle the membership roster. Nelson will continue to pick up mail. -dues will given to Treasurer Jim,AE7QK.

George Roth gave a presentation about Anderson Power Pole DC connectors. ARES standard. Once installed, allows all equipment to be connected to all power sources.

Wayne ,W9AE will have presentation at the March meeting.

The Tour de Fronds will be held in June the week before Field Day. Wayne and Steve tentatively plan to operate stations at Arrasta Saddle and West Fork Cow Creek, using the Iron Mountain repeater.

No further business- adjourned.

Secretary, Russ W7DUR

## New Club Web Site

By Jim Stuntz KF7FIB

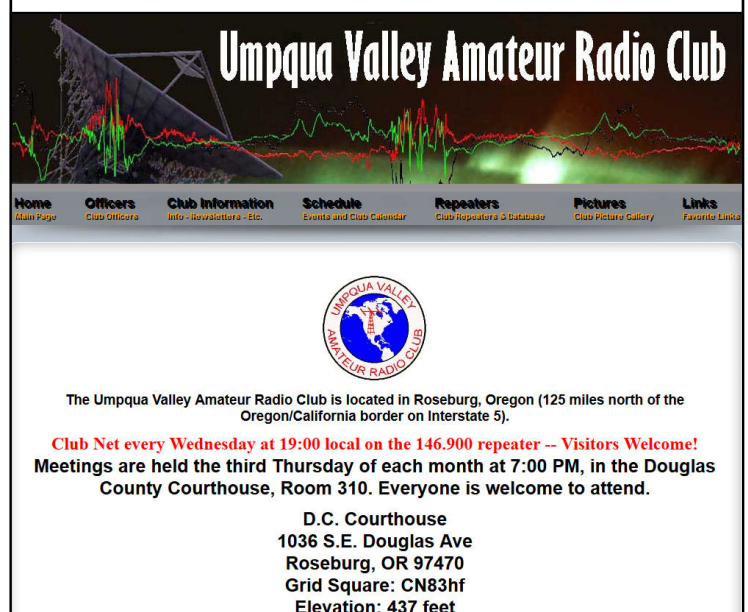
If you were at the February meeting you heard that the club website is changing. I want to thank Dick (AA7GD) and Anne Wolfe(AA7GC) for the outstanding job they have done for the past 18 years or more on the club website. This has been a thankless job and Countless hours on their part to keep it running. Thank You again from the entire UVARC Club, past and present.

The new site is running and can be accessed at [www.uvarc.net](http://www.uvarc.net) . I have a few growing pains to mend but I am working on those. There is a place to send comments on the main page, so use it as you see fit. Remember it is a "work in progress" but for the most part is working well. The calendar is where a lot of information is at right now so try it out. Remember to keep your pointer over the event and click to get the details.

Thank You again to Dick and Anne for their years of service to UVARC.

*Editors's Note:* Big THANKS also to Jim for putting so much work into creating the new site.

The new home page:



The Umpqua Valley Amateur Radio Club is located in Roseburg, Oregon (125 miles north of the Oregon/California border on Interstate 5).

**Club Net every Wednesday at 19:00 local on the 146.900 repeater -- Visitors Welcome!**  
Meetings are held the third Thursday of each month at 7:00 PM, in the Douglas County Courthouse, Room 310. Everyone is welcome to attend.

D.C. Courthouse  
1036 S.E. Douglas Ave  
Roseburg, OR 97470  
Grid Square: CN83hf  
Elevation: 437 feet

## VHF Linking Primer For Douglas County

By Mike Harbin W7OVN

Most hams are active on the 2 Meter band, accessing local FM repeaters to extend the range of their contacts. Here in Douglas County, the UVARC repeater on Lane mtn. (146.90 T100) is the workhorse “go-to” repeater for most of the 100 valleys of the Umpqua and figures prominently in our ARES communication plan. Recently, we have added another ARES repeater, Cinnamon Butte near Diamond Lake(147.22 T67.5), and linked it to Lane further covering portions of the nearly 5100 square miles of a County that extends from the crest of the cascades to the coast.

“Linking”, in a generic sense means that you talk to Lane you will also come out over Cinnamon Butte and vice versa at the same time! Handy if you are in the upper North Umpqua drainage or near Crater Lake and want to get back to Roseburg or even further west. How this is done is a UHF link radio at either repeater site, sends or transfers the signal it gets from its VHF host repeater(such as Lane) to its corresponding UHF radio at the other site, and then on to the VHF repeater for wide area reception. Simple enough. You as a user just access the closest repeater and the system does the rest!

What may not be widely known, is that there are other VHF radio repeater choices. One of these is a linked system maintained by the Peak Radio Association (PRA) <http://www.peakradioassociation.org/>

The 12 repeaters are linked together, so that when you access one repeater, you can communicate with people on any or all of the 12 repeaters. This allows VHF communication way beyond line of sight limitations of a single stand alone repeater. Most of the repeaters are very high elevation, with huge coverage areas. See the website for repeater coverage maps.

PRA repeater sites with coverage in Douglas County:

- King Mtn.* About 6 miles south of Azalea on I-5
- Kenyon Mtn.* about 12 miles west of Camas Valley
- Scott Mtn.* About 7 miles north of Glide
- Chilcoot Mtn.* North of Steamboat
- Roman Nose*, about 20 miles NE of Reedsport.

Depending on your QTH you may also be able to reach other PRA repeaters in the Willamette Valley. For instance, I can reliably reach Mary's peak from Glide from my base station.

The 12 PRA linked repeaters cover most of Western Oregon, most of the coast, and much of Central Oregon. Along I-5 it provides continuous coverage from Longview, Washington to Weed, California.

PRA serves a large population and has by necessity, formalized operating procedures on their system which is narrated on the web site. Its also much busier than our “quiet” linked system which should not discourage you from using it. As with any linked system, be aware of your expanded range, listen for activity, when keying up, hesitate several seconds to “wake up” the system, and be attentive to good amateur practices.

## Linked Repeaters Operated by Peak Radio Association

Freq. offset	Encode/Decode (User radio)		
<b>145.130 (-) PL 100.0/91.5</b>	<b>Marys Peak</b>	<b>4,097 Feet, Corvallis Oregon (Voting system)</b>	
<b>145.130 (-) PL 123.0/88.5</b>	<b>Cline Butte</b>	<b>3,921 Ft. - Bend/Redmond/Sisters/Madras</b>	
<b>146.980 (-) PL 123.0/123.0</b>	<b>KGW tower</b>	<b>1,980 Ft. - Portland Ore / Vancouver Wa.</b>	
<b>146.940 (-) PL 136.5</b>	<b>King Mt.</b>	<b>5,280 Ft. - Medford/Grants Pass Oregon</b>	
<b>146.920 (-) PL 100.0</b>	<b>Kenyon Mt.</b>	<b>3,270 Ft. - Winston/Coos Bay Oregon</b>	
<b>146.700 (-) PL 136.5</b>	<b>Mt. Scott</b>	<b>4,250 Ft. - Roseburg/Southerlin*</b>	
<b>147.140 (+) PL 100.0/123.0</b>	<b>Odell Butte</b>	<b>7,056 Ft. - La Pine/Sunriver Oregon</b>	
<b>147.340 (+) PL 100.0</b>	<b>Mt. Hagan</b>	<b>3,340 Ft. - Blue River/Mckenzie Bridge Ore.</b>	
<b>145.210 (-) PL 136.5/91.5</b>	<b>Chilcoot Mt.</b>	<b>4,986 Ft. - Diamond Lake/Hw138/Hw230</b>	
<b>147.140 (+) PL 123.0/91.5</b>	<b>Roman Nose</b>	<b>2,870 Ft.- Highway 126 &amp; 38 / Lakeside Ore.</b>	
<b>444.825 (+) PL 123.0/123.0</b>	<b>Buck Mt.</b>	<b>3,280 Ft. - Harrisburg/Juc. City Oregon</b>	
<b>441.325 (+) PL 100.0/100.0</b>	<b>Coburg</b>	<b>2,080 Ft. - Springfield/Eugene Oregon</b>	



*Just a reminder: If you have e-mail capability, Let Russ, W7DUR know! you'll be able to see all pictures in color and save money for the club !*

# March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Club breakfast 7 AM Denny's Roseburg
2 ARES Dist. 5 net 3964 kHz, 5:30PM	3 DC ARES net 7 PM 146.900	4	5 UVARC net 7 PM 146.90 rpt	6	7	8 Club breakfast 7 AM Denny's Roseburg
9 ARES Dist. 5 net 3964 kHz, 5:30PM	10 DC ARES net 7 PM 146.900	11	12 UVARC net 7 PM 146.90 rpt	13	14	15 Club breakfast 7 AM Denny's Roseburg
16 ARES Dist. 5 net 3964 kHz, 5:30PM	17 DC ARES net 7 PM 146.900	18	19 UVARC net 7 PM 146.90 rpt	20 Club Meeting 7PM, Room 310, D.C. courthouse	21	22 Club breakfast 7 AM Denny's Roseburg
23/30 ARES Dist. 5 net 3964 kHz, 5:30PM	24/31 DC ARES net 7 PM 146.900	25	26 UVARC net 7 PM 146.90 rpt	27 License Class 6-9 PM at Red Cross, 870 NE Alameda Ave. Roseburg	28 License Class 6-9 PM at Red Cross, 870 NE Alameda Ave. Roseburg	29 Club breakfast 7 AM Denny's Roseburg

**ON-LINE FORM AVAILABLE ON CLUB WEB PAGE**

## UMPQUA VALLEY AMATEUR RADIO CLUB, INC

**ON-LINE FORM AVAILABLE ON CLUB WEB PAGE**

NAME \_\_\_\_\_ CALL SIGN \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_

STREET \_\_\_\_\_ CITY/STATE \_\_\_\_\_ ZIP \_\_\_\_\_

ARRL MEMBER YES [ ] NO [ ] E-mail Address \_\_\_\_\_

Other names at your address desiring family membership

NAME \_\_\_\_\_ CALL SIGN \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_ ARRL MEMBER YES [ ] NO [ ]

NAME \_\_\_\_\_ CALL SIGN \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_ ARRL MEMBER YES [ ] NO [ ]

**Please show names the way you want them to appear in the roster**

HOME PHONE \_\_\_\_\_ RECEIVE YOUR NEWS LETTER BY: U.S. MAIL [ ] OR E-MAIL (PDF) [ ]

RENEWAL \_\_\_\_\_ \*AMT. ENCLOSED \_\_\_\_\_ DATE \_\_\_\_\_ **DATE OF BIRTH (STUDENTS)** \_\_\_\_\_

SPOUSE'S NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_

Membership dues are \$10.00 for individuals and \$5.00 for each additional family member living at the same address per calendar year. Associate membership dues are \$5.00. Dues are prorated (NEW members only): Jan - Mar \$10/5 (each additional member); Apr - Jun \$7.50/3.75; Jul - Sep \$5/2.50; Oct - Dec \$2.50/1.25. Membership is free for **Licensed** students, 18 and younger. Make checks payable to: **UVARC, PO Box 925, Roseburg, OR 97470.**