

# Watt's Up

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

**January 2009**

*Watt's Up Staff: Editor-Wayne W9AE Publishing-Russ, W7DUR  
E-Mail Distribution, Dick, AA7GC*

## **President**

Jim, WA6KHG

## **1st Vice President**

Doris, KC6CWP

## **2nd Vice President**

Wayne, W9AE

## **Secretary**

Russ, W7DUR

## **Treasurer**

Jerry, K7ETU

## **Member-at-Large**

John, KE7LDZ  
Doug, WB6MFV

## **Club Call Signs**

**KC7UAV  
KC7TLY**

## **ARES Nets**

*Douglas County ARES*  
145.430 repeater  
Mondays at 6:30PM  
*District 5 ARES*  
3964 kHz  
Mondays at 6:30PM  
*State ARES*  
3964 kHz, first/third  
Tuesdays at 7 PM.

## **President's Message**

Greeting to all of the UVARC members.

For our December meeting we had the annual Christmas Party at the Church across the street from the courthouse. We had a very good potluck again this year. The Ham of the Year Award was presented to Doris KC6CWP. I want to thank all who came to the Christmas Party even though we had some weather to contend with especially on the way home. It was snowing pretty hard here in Glide by the time we got home. I would also like to thank everyone who helped clean up afterwards. We owe a special thanks to Russ W7DUR for arranging the use of the Church again for our Christmas Party.

For those in the club who are also members of the DCARES group, Jerry KB7WDR and myself, did get the new dual band antennas installed on the roof of the Courthouse. We still have to install the HF antenna and new coax to all of the ARES antennas.

In the repeater department we made a "snow cat" trip up on Lane Mt. on December 26<sup>th</sup> to turn on 2 of the radios on the packet node. They mysteriously got turned off on the 20<sup>th</sup> of December by someone who was up at the site.....Thanks to Jerry KB7WDR, Hutch KE7JFQ, Roger KE7KEE, and Jim WA6KHG the packet node is back up and running. The 146.900 Lane Mt. repeater is running good. The 147.120 Boomer Hill repeater is back to working when it wants to. I'm not too sure what's going on up there.

The UHF repeater with VHF remote, 441.875 finally ran out of batteries and with not enough sun to charge them is down for a while. We are working on a new plan.

The next VE session is February 11, 2009 at 6:00 P.M. at the courthouse Room 310. Don't forget to bring a copy of your original license if you are upgrading. You also need some form of acceptable identification and the new VEC license fee for 2009 is \$15.00.

Jim WA6KHG

## December meeting minutes

On Dec. 18<sup>th</sup> we had the UVARC Christmas Party and dinner at The First Christian Church.

Our dinner was attended by 24 members.

Jerry, KB7WDR presented the Ham of the Year award to Doris, KC6CWP. Doris not only is Vice President but has been very active in all the activities of the Radio Club. She also is an active member of ARES and a VE.

A special "Thanks" to the ladies who cleaned up kitchen and tables.

Sec. Russ.

## UVARC REPEATERS

146.900-, PL 100 (Lane Mountain)

147.120-, PL 100 (Boomer Hill)

## PACKET

Node - 144.930, DC:WB6RHW-1

## New URL for UVARC Web Page

<http://aa7gc.net/uvarc/>

### NOTES:

1. Watt's Up is **on line** in the UVARC web Page. It may be viewed in PDF format.
2. Members **E-mail addresses** are on the web page as a link. Password required .
3. The **club roster** is included in the web page as a link. Password required.
4. Club **constitution** is available as a linked page.
5. Back issues of **Watt's Up** are available through the club web page in PDF format.

## Jim WA6KHG on Lane Mountain access via Sno-Cat on Dec. 26



## 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 2008 is \$14.00

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.

### Testing Dates

#### Second Wednesday of each even Month

February 11

April 8

June 10

August - None

October 14

December 9

For further information contact Mel, AB7DC, at (541) 672-5884



## 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**

## Celebrate 2009 with the Time Quiz

By H. Ward Silver N0AX, from the ARRL web site

1. What is the length of a day measured by the position of distant stars?  
a) Solar b) Sidereal c) Lunar d) Standard
2. What was added by the world's standard timekeepers on December 31, 2008?  
a) A leap second b) Two leap seconds c) A new definition of the second d) A time zone
3. How many time zones are recognized?  
a) 12 b) 24 c) 36 d) 40
4. What is the largest country with a single time zone?  
a) Brazil b) Canada c) China d) India
5. How far does light travel in free-space during one femtosecond?  
a) 1 nanometer b) 3 nanometers c) 300 nanometers d) 1 micrometer
6. Which country spans the most time zones?  
a) Brazil b) Canada c) Indonesia d) Russia
7. Which is longer: a millennium or an eon?
8. How long does it take a radio signal to travel all the way around the Earth?  
a) 7 msec b) 100 msec c) 1/7th of a second d) 7 seconds
9. How long does it take an EME signal to make the trip from the Earth to the Moon and back again?  
a) 1/7th second b) 1 second c) 1.35 seconds d) 2.7 seconds
10. How far does your 80 meter signal travel during the time it takes the direction of electromagnetic fields to make one complete oscillation as determined by an observer traveling with the wave?  
a) 1 meter b) 40 meters c) 80 meters d) Infinity

**Bonus:** What astronomical phenomena were used around the world to determine standard time before reliable chronometers were available?

*Answers:* 1b, 2a, 3d, 4c, 5c, 6d, 7 eon (billion years), 8c, 9d, 10d (to an observer traveling with the wave at the speed of light, the fields do not change).

*Bonus:* Occultations of the moons of Jupiter were observed through a telescope and compared to standard time tables prepared by observatories

## MEMBERSHIP 2009

As of January 1, 2009 membership is 35.

Each month updated information will be provided in this space so members may keep their roster current.

Please take the time to review your information and notify me of any corrections or changes.

### I may be reached via:

1. E-mail: aa7gc@arrl.net
  2. Telephone: (253)631-3467
  3. Regular Mail: 15823 SE 254th Pl., Covington, WA 98042-4183
- 73, de Dick, AA7GC, Membership

### \*\* CORRECTION \*\*

OOPS—I goofed the call sign for Roger Lustri was not correct in the December issue of *Watt's Up*. The correct information is shown below:

**WBOVEQ**, Roger Lustri, 711 Jenny Ln, Myrtle Creek, OR 97457, 541-860-5666,  
E-mail: rdlustri@frontiernet.net

### \*\* NEW E-MAIL ADDRESS \*\*

**KE7WMU**, admin@oregondiver.com

### \*\* NEW MEMBER \*\*

**KE7YZR**, Charles Martin, 2027 SE Lois Dr, Roseburg, OR 97470, 541-672-4805, E-mail: yankeechopper@q.com

# NOTICE

If you want to receive **WATT'S UP** without interruption, please renew now.

**This is the last issue to 2008 members!**



*Please hurry, we would miss you.*

# What Do You Want to See In Watts Up?

By Watts Up editor Wayne W9AE

Most issues of Watts Up have little or no pictures or news about ham radio activities of the various club members. I would like to request club members to send me pictures and descriptions of anything you do with ham radio. This could be pictures of a new antenna, new radio, you and your mobile setup, etc. Did you upgrade your license? Are you trying out a new mode? Send stuff to [w9ae@charter.net](mailto:w9ae@charter.net).

To get the ball rolling here are some of my "ham" pictures.

W9AE HF antennas:  
Butternut HF-9V vertical w/ 28 buried 35-ft radials  
135-foot off center fed dipole on a 32 ft mast.



W9AE shack w/ Yaesu FT-847, SB-230 600W amp

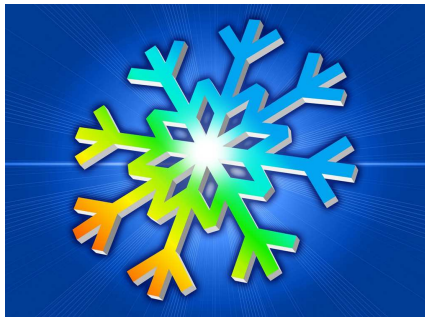


W9AE satellite antennas (144, 435, 2400 MHz)



W9AE bicycle mobile cockpit for 40-10m SSB/CW





*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 some money for the club !*

# January 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 Club Breakfast Rsbg IHOP 7AM
4	5 DC ARES net 6:30 PM 145.430 rpt	6 Oregon state ARES HF net 3964 kHz, 7 PM	7 UVARC net 7 PM 146.90 rpt	8	9	10 Club Breakfast Rsbg. IHOP 7 AM
11	12 DC ARES net 6:30 PM 145.430 rpt	13	14 UVARC net 7 PM 146.90 rpt	15 Club Meeting 7PM court house Room 310	16	17 Club Breakfast Rsbg IHOP 7AM
18	19 DC ARES net 6:30 PM 145.430 rpt	20 Oregon state ARES HF net 3964 kHz, 7 PM	21 UVARC net 7 PM 146.90 rpt	22	23	24 Club Breakfast Rsbg IHOP 7AM
25	26 DC ARES net 6:30 PM 145.430 rpt	27	28 UVARC net 7 PM 146.90 rpt	29	30	31 Club Breakfast Rsbg IHOP 7AM

**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.**