

# Watt's Up

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

**February 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 all UVARC Members and Guests.

Well another year is in the books and we start anew on 2014. The first meeting of 2014 was another packed house with 23 signatures on the sign in sheet. I want to thank everyone who attended and made the meeting great.

We start 2014 off on a sad note, Ed Peterson, N7MUI is SK. Our condolences to Bernice (N7MUC) and the entire family on their loss.

We were missing a key member for the Early Bird drawing so that will be moved to the February meeting, you will have to attend to see who is the lucky winner.

Once again there is interest in a Technician class and Jerry (AE7ER) will look into scheduling a class before the April VE testing date.

Dick Wharton (N7MOK) shared that he has boxes of pictures and papers from the past club activities and would like to find a new home for them, Jerry (AE7ER) will check into the possibility of storing them at the EOC. On that same note we are looking for a club Historian to document club activities. If you would like to fill this much needed position please get in touch with me. If you took pictures at the December Pot Luck dinner could you either bring them to the next meeting or send them to me via e-mail if they are digital.

Also there is interest in a code class and that is progressing with using the club meeting room for a classroom. More to follow in February.

Wayne Estes (W9AE) gave a great presentation on power meters. He brought several kinds for both AC and DC circuits and home appliance use. This was very informative and well presented. The February meeting will feature George Roth (KE7MVX) doing a presentation on Anderson Power Poles. Remember if you have a topic to share just give me a shout and we can get you scheduled.

The club is also looking for a person to take over the Field Day co-ordination at Whistlers Bend this year. Lee Stumpe (K7AZW) who has done a great job in the past will be unavailable this year. I will also be out of the state during that weekend in June. Let me know if you would like to take on this very key role.

Have a great month, 73's to all

Jim, KF7FIB

## UVARC MEMBERSHIP

As of January 26, 2014, the club has 40 members and associate members.

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

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

## Presentation at February Meeting

George Roth KE7MVX will give a presentation about *Anderson Power Pole connectors* during the club meeting on February 20.

## 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](mailto: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-1

## 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.

## 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**

## Jan 16, 2014 Meeting Minutes

22 present

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

Reading of November minutes. No meeting at December dinner, other than presentation of Ham of the Year plaque by George Roth to Jim Stuntz, KF7FIB.

Jerry AE7ER motion to accept minutes with correction, CJ, WB3DRF seconded. Motion passed.

Jerry AE7ER, paid \$15 renew membership in the state repeater coordinating body, ORRC. To be reimbursed.

Early Bird drawing not available due to no list of 2014 members. Will present at Feb. meeting.

KL7BK, in Grants Pass wants to take Ham license

Lee, K7AZW suggested a historian be appointed to take care of Radio club's pictures and material, now at Dick, N6MOK's resident, Jerry, AE7ER, will check to see if club can acquire a locker in the ARREAS room.

Lee also mentioned Club should call to reserve Whistler Bend part for our radio field day June 28-29. The cost will be \$210.

Steve, KB7WDP still would like to start a Morse Code Class. Courthouse Room 210 could be used 1 hour before the club meeting.

Lee will be presenting Radio club information at 2:30, Thursday at Callahan senior center.

Break time -coffee and cookies.

Wayne's, W9AE, presentation concerned energy, power, voltage, current. AC and DC power meters were displayed and their uses explained.

Jeanne Hutch had surgery now at home.

Norm Neal surgery 4-way bypass- now at home.

The repeater formerly on Reservoir Hill will soon be moved to new site on Flourinoy Valley.

No further business.-----adjourned.

Russ W7DUR, secretary

## from 500 Million Miles

James Miller, G3RUH, was among a small handful of Amateur Radio operators to receive the X band signal January 21 from the European Space Agency's [Rosetta](#) spacecraft, some 500 million miles from Earth. Miller used the 20 meter dish at the Bochum Amateur Radio facility in Germany, run by AMSAT-DL and IUZ Bochum Observatory. In an AMSAT-BB post, Miller noted the frequency at the spacecraft was 8421.786900 MHz, and the signal was 14 dB below that of the [STEREO](#) A/B spacecraft that had previously been heard. Perhaps more astonishing, Bertrand Pinel, F5PL, was able to [track](#) Rosetta 65 kilometers from Toulouse using his "home-rigged" 3.5 meter dish and receiver. Viljo Allik, ES5PC, a member of Estonian Student Satellite Program team reported his group was able to [detect](#) the satellite's signal using a slightly smaller dish.

"We have recently established our own small ground station for mostly educational purposes to get more interested students into space technology," Allik said in a reply to Pinel's European Space Agency blog post. The Estonian group used a 3 meter dish. Allik said the signal-to-noise ratio was in the range of 3 to 5 dB in a 1 Hz bandwidth. "So it was really exciting to see the signal from such large distance with our very simple receiving station. The elevation of the Rosetta spacecraft at our location was only about 4° during the reception."

The equipment used was "a kind of amateur design," he said. "We detected signals from other spacecraft like [Gaia](#) and STEREO A/B too, but the signal from Rosetta is the most-distant signal we have detected so far."

Launched in 2004, the Rosetta spacecraft will both orbit and land on a comet, which it will reach this August, and send data back to Earth. The spacecraft consists of the Rosetta space probe and the [Philae](#) robotic lander.

## North Korea is Most-Wanted DX

[The DX Magazine](#) has published the results of its most-wanted DXCC entities, and, once again, North Korea (P5) is number 1. Here are the Top 10 overall worldwide results, as they [appeared](#) in *The DX Magazine*'s January/February 2014 issue.

### 2013 Prefix/Entity (2012)

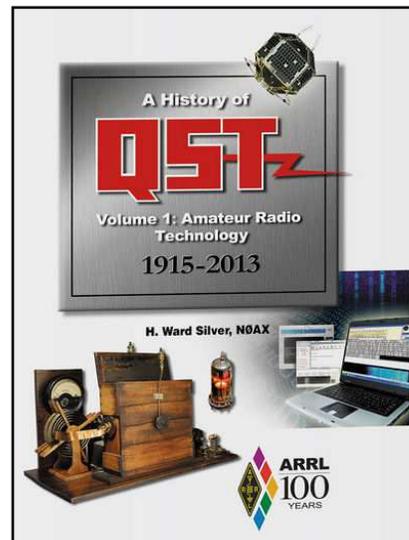
- 1 P5 North Korea (1)
- 2 KP1 Navassa Island (2)
- 3 3Y/B Bouvet (3)
- 4 FT5W Crozet (6)
- 5 FT5Z Amsterdam Island (4)
- 6 VK0/H Heard Island (5)
- 7 BS7H Scarborough (7)
- 8 ZS8M Marion Island (9)
- 9 VP8/S South Sandwich (8)
- 10 FT5T Tromelin Island (10)

*The DX Magazine* Editor Carl, Smith N4AA, said. "The ranking should change somewhat for 2014 with Tromelin and Amsterdam Islands both scheduled for major DXpeditions."

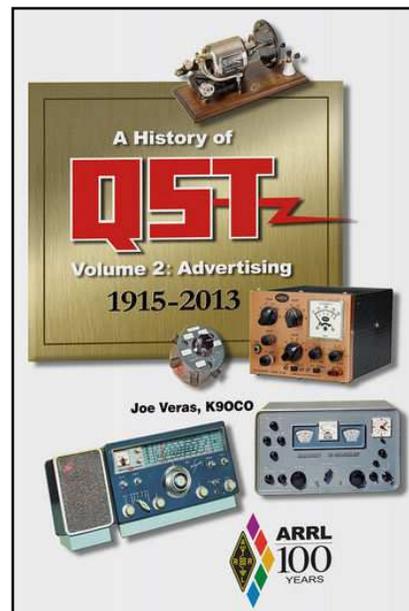
*Editor's note:* As of Feb. 10, 2014 the FT5ZM Amsterdam Island DXpedition has logged more than 100,000 contacts.

## Honor ARRL Centennial

For nearly a century, [QST](#), the ARRL's monthly membership journal, has been a primary source of timely, engaging, and valuable information for radio amateurs. To celebrate the League's [Centennial](#), the ARRL has compiled two special *QST* retrospective volumes that feature a broad selection of important Amateur Radio highlights from 1915 to 2013.



[A History of QST Volume 1: Amateur Radio Technology](#) covers the technical developments that marked Amateur Radio's first century, from the spark era through advances in radio electronics, signal propagation theory, antenna design, and the dawn of satellites and digital communication.



[A History of QST Volume 2: Advertising](#) traces the history of receivers, transmitters, antennas, and other station gear through the advertisements for these products as they appeared in

A nostalgic journey, as told through the creative marketing, advertising and photography of yesteryear.

These unique ARRL Centennial publications feature superior gloss-finish pages and are available from the [ARRL Store](#) or your [ARRL Dealer](#). The special ARRL member price for **each** volume is \$29.95 plus shipping.

# FEBRUARY

philipmartin.info



*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 !*

## February 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 ARES Dist. 5 net 3964 kHz, 5:30PM	24 DC ARES net 7 PM 146.900	25	26 UVARC net 7 PM 146.90 rpt	27	28	

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.**