



June 2009

Watt's Up

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

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Club Call Signs

KC7UAV
KC7TLY

ARES Nets

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

President's Message

Greetings to all of the UVARC members.

I had been trying to contact and work out the details with Glide High School for the Field Day Site with no success. Jerry KB7WDR has finally managed to contact and work everything out with the insurance company and Glide High School. Our Field Day will take place at the new football field area at Glide High School. The site can be accessed from Glide Loop Drive. Turn left between the Colliding Rivers Area and the Visitors Information Center in Glide if you are coming from Roseburg to get there. Follow Glide Loop for about .4 mile and turn right. Thanks to Jerry for getting this arranged.

Jerry KB7WDR has also been working on obtaining the use of a new home for the 146.900 repeater and the packet node. If everything works out the equipment would still be on Lane Mt. but in another building. There are various good reasons we are looking into this but I am not going to go into that at this time.

Lee K7AZW and Don KB7WTA went to the Boy Scout Jamboree in Ten Mile. They demonstrated ham radio to a couple of the scouts who were interested.

In the repeater department the 146.900 Lane Mt. repeater is running good. The 147.120 Boomer Hill repeater is not working, we have not had the time to go up there to check it out or bring it down for repairs. The DC packet node 144.930 is working great.

The UHF repeater with VHF remote, 441.875 is back up and running. We changed the PL tone to 88.5 and it is also transmitting that tone if you want to use CTCSS with it. Doug made a few changes in the controller to help conserve power as this is running on solar power only.

The next VE session is June 10, 2009 at 6:00 P.M. at the courthouse in 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. The new VEC license fee for 2009 is \$15.00.

Jim WA6KHG

May 21 Meeting Minutes

By Russ W7DUR

14 present

Jim opened meeting, Roll call -name and call sign of each member.

Treasury report.

Reading of minutes of April meeting.

Jim reported next license test June 10th.

Discussion of Field Day. Jim reported contacting Glide High School. Also Jerry KB7WDR sent 2 E-mails and no return calls as of this date.

Jerry KB7WDR reported on Lane Mtn. repeater. The 146.900 repeater could be moved to a different building. Douglas County would assume the right of way to site-- this is on BLM property. We do not know the cost of power that will be used. The Club agreed to have Jerry pursue the move.

The 147.120 repeater is down- not working.

Lee K7AZW and Don KB7WTA attended the Boy Scout Jamboree. There were 300 scouts attending. Only 2 came by and were interested in the Radio Equipment.

No other business. Nelson won drawing of World Radio and passed it on to Media Pierce a new member. Meeting adjourned.

UVARC REPEATERS

146.900-, PL 100 (Lane Mountain)

147.120-, PL 100 (Boomer Hill)

PACKET

Node - 144.930, DC:WB6RHW-1

UVARC Web Page URL

<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 2009 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.

Testing Dates

Second Wednesday of each even Month

February 11

April 8

June 10

August - None

October 14

December 9

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



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

MEMBERSHIP 2009

As of June 1, 2009 membership is 74.

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

** NEW MEMEBERS **

KF7AHZ, Craig Pierce, 3950 Del Rio Rd., Roseburg, OR 97471, 541-673-5879, E-mail: pierce5879@msn.com

KF7AIA, Media Pierce, 3950 Del Rio Rd., Roseburg, OR 97471, 541-673-5879

KF7AHY, Larissa Pierce, 3950 Del Rio Rd., Roseburg, OR 97471, 541-673-5879

Upcoming Events

- June 5-7: **SeaPac** convention in Seaside, OR.
<http://www.seapac.org/>
- June 27-28: **Field Day**, Glide High School
- July 18: **Coos County Swapfest**, North Bend Middle School.
<http://www.coosradioclub.net/>

Field Day 2009

by Jerry Eifert KB7WDR

I write to invite each to ARRL Field Day, 2009. It would be nice to see everyone, and see faces we haven't seen for a while.

Date: June 27th & 28th

Location: Glide High School Sports Field, Glide Loop Road, on Vernita Lane. Turn left after crossing the bridge into Glide, go around a mile or so, and there will be signs on the right side of the road. NOTE: There are some "speed bumps" on the road, so be aware.

We had to change locations because Whistler's Bend Park price was doubled plus a reservation fee.

Glide Sports Field has flush toilets, picnic tables, electricity for coffee pot, ect. There is a massive parking lot for RV's. We will begin setting up our RV's and preparing to set up antenna systems on Friday the 26th around noon. The Field Day Contest begins at 11 a.m. on Saturday until 11 a.m. on Sunday. Actual antenna system set up starts before the contest on Saturday morning.

Even if you can't bring your RV or camp, come by on Saturday evening around 6 p.m. for the potluck. Just stop by and "Get on the air with amateur radio" at the GOTA station. It would be great to see everyone like the "old days", and re-ignite those friendships.

Editor's Notes

- Please submit club news and pictures of club events to the Watts Up editor Wayne W9AE: w9ae@charter.net
- We have no *UVARC Spotlight* this month because nobody submitted pictures. If you want to be in the *UVARC Spotlight*, send pictures of your shack, antennas, or mobile setup to w9ae@charter.net.
- The official 2009 ARRL Field Day site is up and running. This page includes a summary of available resources, with links to Field Day forms, rules, etc.
<http://www.arrl.org/contests/announcements/fd/>

FCC to Raise Vanity Call Sign Fees

The FCC released a *Notice of Proposed Rulemaking and Order (NPRM)* on May 14 seeking to raise fees for Amateur Radio vanity call signs. Currently, a vanity call sign costs \$12.30 and is good for 10 years; the new fee, if the FCC plan goes through, will go up to \$13.40 for 10 years, an increase of \$1.10. The FCC is authorized by the *Communications Act of 1934 (as amended)* to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term.

The vanity call sign fee has fluctuated over the 12 years of the current program -- from a [low of \\$11.70 in 2007](#) to a high of \$70 (as first proposed in the FCC's 1994 *Report and Order*). In 2007, the Commission lowered the fee from \$20.80 to \$11.70. The FCC said it anticipates some 15,000 Amateur Radio vanity call sign "payment units" or applications during the next fiscal year, collecting \$201,000 in fees from the program.

Vanity Fee Due for Renewals

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal three years ago.

Those holding vanity call signs issued prior to 1996 are exempt from having to pay the vanity call sign regulatory fee at renewal, however. That's because Congress did not authorize the FCC to collect regulatory fees until 1993. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the [ULS](http://wireless.fcc.gov/uls/) at <http://wireless.fcc.gov/uls/> and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

Scientists Predict Solar Cycle 24 to Peak in 2013

At the annual [Space Weather Workshop](#) held in Boulder, Colorado last month, an international panel of experts led by NOAA's Space Weather Prediction Center predicted that Solar Cycle 24 will peak in May 2013 with 90 sunspots per day on average. If the prediction proves true, Solar Cycle 24 will be the weakest cycle since Solar Cycle 16 which peaked with 78 daily sunspots in 1928, and ninth weakest since the 1750s, when numbered cycles began.

The panel predicted that the lowest sunspot number between cycles -- the solar minimum -- occurred in December 2008, marking the end of Solar Cycle 23 and the start of Solar Cycle 24. If the prediction holds up, at 12 years and seven months Solar Cycle 23 will be the longest since 1823 and the third longest since 1755. Solar cycles span 11 years on average, from minimum to minimum.

An unusually long, deep lull in sunspots led the panel to revise its 2007 prediction that the next cycle of solar storms would start in March 2008 and peak in late 2011 or mid-2012. The persistence of a quiet sun also led the panel to a consensus that Solar Cycle 24 will be what they called "moderately weak."

Although the peak is still four years away, a new active period of Earth-threatening solar storms will be the weakest since 1928. Despite the prediction, the scientists said that Earth is still vulnerable to a severe solar storm. Solar storms are eruptions of energy and matter that escape from the Sun and may head toward Earth, where even a weak storm can damage satellites and power grids, disrupting communications, the electric power supply and GPS. A single strong blast of "solar wind" can threaten national security, transportation, financial services and other essential functions.

The most common measure of a solar cycle's intensity is the number of sunspots -- Earth-sized blotches on the sun marking areas of heightened magnetic activity. The more sunspots there are, the more likely it is that solar storms will occur, but a major storm can occur at any time.

"As with hurricanes, whether a cycle is active or weak refers to the number of storms, but it only takes one powerful storm to cause huge problems," said NOAA scientist Doug Biesecker. "The strongest solar storm on record occurred in 1859 during another below-average cycle." The 1859 storm shorted out telegraph wires, causing fires in North America and Europe and sent readings of Earth's magnetic field soaring, as well as produced northern lights so bright that people read newspapers by their light, he said.



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 !

June 2009

Sun Mon Tue Wed Thu Fri Sat

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

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.**