

The OSCILLATOR

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Editor: Everett W6ABM
w6abm@arrl.net

Oregon Tualatin Valley Amateur Radio Club



"MY TWO CENTS" Pat Roberson

Greetings everyone. We had another great program in March with Jim Fenstermaker K9JF, our Northwest ARRL Division Director as guest speaker. Jim showed us a video about the ARRL and HQ staff members. If you haven't seen this, it's worth watching.

Due to our normal meeting place not being available Easter week, our meeting place will change for this month. Please look for an details in this edition of the Oscillator.

Our *Sea-Pac* Committee is looking for members to help out with the 29th edition of *Sea-Pac*. Al, Will, and others have been doing this for years and they aren't getting any younger. We appreciate all that these members are doing. *Sea-Pac* is our club's event and we need to step up and give a hand. Please let anyone of the board members know of your interest.

Band conditions have been pretty good this week. I have seen stations from Iceland, New Zealand, South Africa, Saudi Arabia and more on 15 meters PSK-31. President, OTVARC

OTVARC POWER AND LIGHT SOLAR SYSTEM

Always seeking to lead progress through Amateur Radio, the Oregon Tualatin Valley Amateur Radio Club will power it's 2011 Field Day operations through the use of a photovoltaic (PV) power system. The system will be a 1.65 kw PV power system pictured here.



All operations at the L. L. "Stub" Stewart State Park will be supported by the OTVARC Power and Light Demonstration Solar System. This effort is the beginning of a Five Year Project to generate power to be utilized by the Buxton community. Development is intended to continue with the development of solar photovoltaic (PV) power stations to meet the needs of additional rural areas surrounding the park eventually reaching Vernonia in Columbia County.

For more on this development, see "OTVARC POWER" Page 3.

CLUB MEETING

THURSDAY, APRIL 21st

Our April Club Meeting will take place at an alternate site. We'll meet at Jessie Mays Community Center, 30975 NW Hillcrest St, in North Plains. From US26 Westbound, take exit 57 for Glencoe Rd toward North Plains, turn right at 1st St/NW Glencoe Rd and travel to NW Hillcrest St. Turn Left on Hillcrest.

Our meeting on April 21st will feature a ham radio tour of The International Space Station, led by Doug Wheelock KF5BOC. Our meeting opens at 7:00 pm.

OTVARC is affiliated with ARRL: The National Association for Amateur Radio and is a *Special Service Club*.

Guests are always welcome. An amateur radio license is not required. Invite another ham to come with you.

Club meetings are good places to meet new friends.

We are meeting at an alternate site due to Easter Week activity at Sunset Presbyterian Church. We return there on May 19th.

Questions? otvarc@gmail.com



FOR SALE
 2-element Hy-Gain 40M
 antenna.
 TH7DXX tri-band antenna.
 Wilson 70 foot crank up
 tower.

A tailwister rotor.

I have no set price in mind. Any reasonable offer will work.

Bob Riggle
N7CTY
503.357.5448

Two Cents, from Page 1

So dust off the HF gear and give out a CQ. The sun is cooperating, so get back into the habit of making contacts near and far.

See you at the April 21st meeting.

Pat Roberson KA7PAT
 President

FACEBOOK GROUP UPDATED

The OTVARC Facebook Group has been updated to one of the new group sites. Search for us on Facebook under OTVARC - Oregon Tualatin Valley Amateur Radio Club. We moved people from the original site as we could. For technical reasons, and privacy commitments on Facebook, we could not move all. If you are one of these, simply to the new site and join the new group. We will delete the old group at the end of April.

How do we use the Facebook presence? It is one more way people find the club. You do not have to be a member of OTVARC to join the group. There are options for events, discussions, announcements, etc. Announcements posted on the site everyone will be emailed to all members there, unless they have disabled this option.

Join us on Facebook.

7th Area QSO Party - May 7th

Greetings, Oregonians!

The 2011 7th Area QSO Party is May 7 this year, the day before Mother's Day. While you are thinking about it, put this 7QP date on your calendar, and go to the kitchen and put it on your wife's calendar as "busy". This way you will not be surprised by any "special events" on this important weekend.

The 7QP staff is working hard to organize activity from all the darker corners of 7-land. To this end, if you plan to activate a particular location, send your intentions to 7qpops@codxc.org. If you would like advice on what the needs are, please drop us a line. We want to make sure that all 36 Oregon counties are active this year...and beat those guys down in Arizona for the maximum participation award.

As always, we appreciate your support in making this a successful contest. But it is more than that. It is an opportunity to share your skills with the newer members of our ranks or "Elmer up" with one who can help you. So talk it up at the next club meeting or on the air. You might even be able to sell it to the club as "operator practice for your next Field Day".

I will send another reminder notice about two weeks before the 7QP with any late updates.

This year we are trying extra hard to promote mobile operation. When you are mobile and change to another county, you can work them all over again. You never run out of people to work. Many chase counties for the USA County Award, or chase the mobiles in 7QP. You could be their hero. If you are considering a mobile entry, let me know so we can coordinate state-wide coverage.

We are at <http://7qp.org>. Thanks for your support of of Oregon's share of the best QSO party in the land, the 7QP.

73, Dick, K4XU
7QP Oregon Captain
k4xu@arrl.net

OTVARC POWER, from Page 1

Planned development includes designs that will reach a combined capacity of 500 MW. Once again, amateur radio will be in the lead as real world needs are met through the effort of volunteers and "amateurs" in the field of energy research.

This story on OTVARC Power and Light is our April 1st piece for this year. No one need scramble with recall documents for the Board. The project is a figment of the imagination of one amateur radio licensee. We hope you enjoy this April Fools Day article. However, use of alternate energy sources fits well into the purposes of the Annual ARRL Field Day event. More should be coming from the alternate sources in years ahead.

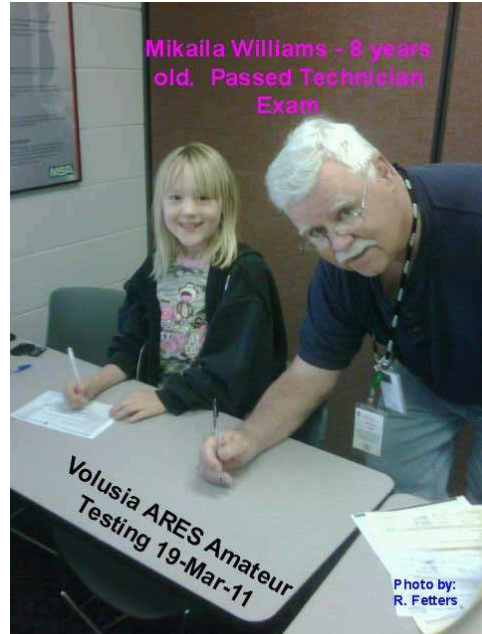
The picture on Page 1 is a demonstration solar site at The LIVING DESERT in Palm Desert, California. It is an active solar project with energy being generated for the operation of the Animal Hospital and Surgery Suite. It is located in the LIVING DESERT to show real world uses of solar energy. It was developed with the cooperation of the Coachella Valley Water District.

LOOKING AHEAD

April 21	Meeting at North Plains
May 8	33rd Anniversary
May 19	Club Meeting
June 3 -5	SEA-PAC 2011
June 16	Club Meeting
June 25 - 26	Field Day
July 21	Club Meeting
August 18	Club BBQ/Ice Cream
September 15	Club Meeting
October 20	Club Meeting
November 17	Club Meeting
December 15	Holiday Dinner

Amateur Radio and Young People

Amateur Radio and young people, it really does open up a whole new world for them while at the same time teaching the concepts in science, math and geography taught in school. Amateur Radio can improve young people's verbal and social skills.



March 19, 2011 the Volusia ARES VE Team held its bimonthly test session at the Volusia County,

Florida Fire Training Facility. Let me introduce you to a young person. Her name is Mikaila Williams. She is an eight-year old girl who successfully passed the Amateur Radio Technician Exam that day. That's only the beginning; she already has her sights set on upgrading.

On behalf of the administering VE Team, congratulations to Mikaila and to her proud parents. Job well done Mom and Dad.

As a VE, seeing that smile on her face makes giving up some of my personal time on a Saturday all worth it.

Marty W9OV – Volusia ARES

CLUB FREQUENCIES

Simplex: 147.54 MHz
 Repeaters: 146.96 MHz (Goat Mtn)
 223.94 MHz (Goat Mtn)
 440.25 MHz (Goat Mtn)

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The New Phonetic Alphabet

The recent Pioneer QSO Party proved indisputably, and without argument, that a certain group of older radio amateurs just can't hack the recommended ICAO Phonetic Alphabet. In particular, the use of the word QUEBEC (pronounced KAYBECK) for the letter "Q", caused a great number of the contestants to log calls, such as mine, as WK2KRK instead of WQ2QRQ.

In Early February the Pioneers Phonetic Policy Program Persons completed their final draft of the new Official Telephone Pioneers Phonetic Alphabet to be used in all Telephone Pioneer QSO Parties.

It will be noticed that emphasis has been placed on the use of everyday words and the more

common geographical and Chinese family names. This new alphabet should be of great value to those whose mental alertness has been attenuated by years of service in Toll Testrooms.

OFFICIAL TELEPHONE PIONEER PHONETIC ALPHABET

A as in AESOP
B as in BJORNSON
C as in CISTERN
D as in DVORAK
E as in EYEBALL
F as in FJORD
G as in GYM
H as in HONEST
I as in IWO JIMA
J as in JOSÉ
K as in KNIGHT
L as in LJUBLJANA
M as in MNEMONIC

N as in NG
O as in OPPOSUM
P as in PNEUMONIA
Q as in QUIRE
R as in RWANDA
S as in SECEDE
T as in TSAR
U as in UIGUR
V as in VROUW
W as in WRINGER
X as in XEROX
Y as in YTTERBIUM
Z as in ZWIEVACK

By Clyde Furd WQ2QRQ

HAMFESTS & CONVENTIONS**9 APRIL 2011****Yakima Hamfest**

Selah Civic Center

Selah Washington

www.w7aq.org

Lindsay Kooser N7RHW

n7rhw@arrl.net

15 - 17 APRIL 2011**62nd International DX Convention**

Northern California DX Club

www.dxconvention.org

info@dxconvention.org

The Holiday Inn Hotel & Conf Center

Visalia, California

3 - 5 JUNE 2011**SEA-PAC****NW Division ARRL Convention**

Seaside Convention Center

Seaside Oregon

Online Registration Open NOW

www.seapac.org

C. Wayne Schuler AI9Q

16414 NE 21st Street

Vancouver, WA 98684

360-892-5580

ai9q@arrl.net

Your business advertising in THE OSCILLATOR is seen each month by more than 200 members who read THE OSCILLATOR. To include your "Business Card" ad (\$48.00 annually) or "Display" - HRO size ad (\$60.00 annually), contact Maureen O'Rourke at 503.591.9641.

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Beaverton, OR 97006

e-mail: sales@dcpwr.com

Web: www.dcpwr.com

HAPPY APRIL BIRTHDAY

4	Kenneth Moore	W7GU
6	Richard Christie	WA6TVX
12	Mel Sutton	KB7PVW
16	Ron Remsen	W7YOW
19	Darlene Young	KD7FUZ
18	Wes Allen	K7WWG
22	John Tornblad	N7JDT
24	Ernest Johnson	K7EAJ
25	Michael Fuller	K7CIE
26	Sally Butterfield	N7WAL
27	Jeff Repp	KD7EFM

Did we miss your birthday? Perhaps we don't have it in our list. Drop a note to: otvarc@gmail.com

APRIL LUNCH BUNCH**Saturday April 23rd at 1:30 PM**

Tom's Pancake House & Restaurant
12925 SW Canyon Rd.

Beaverton, Oregon

Just east of Cedar Hills Blvd.

Talk In: 146.960 MHz Repeater

Questions?

Linda KC7YTD

kc7ytd@gmail.com

503.246.8879

Did you fail to send your check for \$20.00 to the club mail box for Renewal?

OTVARC

880 NE 25th STE 2-160

Hillsboro OR 97124

Spread Spectrum Rules - April 29th

Revisions to FCC rules affecting Spread Spectrum transmissions go into effect April 29, 2011. The Report and Order was published in the March 30th Federal Register. Details on the revisions can be found on the web at:

www.arrl.org/news/fcc-adopts-spread-spectrum-rules-changes

The Report and Order eliminates the requirement that amateur stations transmitting Spread Spectrum use Automatic Power Control (APC) and set power of a Spread Spectrum emission from 100 W to 10 W PEP.

CLUB MEETING
APRIL 21ST
NORTH PLAINS SITE
SEE INFORMATION INSIDE



FIRST CLASS MAIL

OREGON TUALATIN VALLEY
AMATEUR RADIO CLUB
880 NE 25th Ave. Ste 2-160
Hillsboro OR 97124-6258



NORTHWESTERN DIVISION ARRL CONVENTION
SEASIDE CONVENTION CENTER
Seaside Oregon

June 3 - 5, 2011

REGISTER ONLINE AT:
www.seapac.org

OTVARC ADDRESSES:
880 NE 25th Ave Ste 2-160
Hillsboro OR 97124-6258
otvarc@gmail.com