



The Repeater

Next Club Meeting

Thursday,
January 7, 2016, 7:00 PM

Red Cross Building,
60 Hawthorne St., Medford, OR
Across from Hawthorne Park

Program:

1. Beginner: Design and Construct a Low Cost 2M Antenna
2. Advanced: Basics of Ethernet.

Volume 2016, Issue 1

January 2016

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President & Webmaster
 Vice President
 Treasurer
 Secretary
 Newsletter & Membership

President's Report

It's an honor to be president of the Rogue Valley Amateur Radio Club for 2016. Due to my new job, Allan Taylor and Tom McDermott have agreed to help me find and arrange club programs for the next couple meetings until my work schedule allows more time for club activities.

We had a very successful 2015 thanks to Allan (last year's president), and especially to a great Field Day 2015 crew that set all-time RVARC score records for the event.

For 2016 we are looking at some different types of Field Day event. If it comes to fruition, we'll discuss in more detail later on in the year.

(Continued on page 2)

Secretary's Report

The December meeting was our club's annual Holiday party. No business meeting was conducted, and there are no meeting minutes.

The Repeater is the official newsletter of the Rogue Valley Amateur Radio Club, Inc. It is published 10 times a year—once per month excluding July and August.

President's Report, Continued

(Continued from page 1)

Last year we had a good two-station entry in 7QP near Agate lake, which is close to Medford. 7QP occurs in the spring, and perhaps some club members may want to have another outing.

Our programs this month will be Allan Taylor, talking about how to design and build a low cost 2 meter antenna, while Tom McDermott will talk about how to use Ethernet.

I look forward to seeing everyone at the January meeting.

Scott, NA7OM

Secretary's Report, Continued

ARRL Northwest Division Election Results

ARRL Northwestern Division Director Jim Pace, K7CEX, and Vice Director Bonnie Altus, AB7ZQ, were re-elected to their positions during the recent ARRL election.

Jim Pace defeated William Balzarini, KL7BB, 2190 to 654 votes.

Bonnie Altus defeated Delvin Bunton, N7QMT, 2061 to 776 votes.

Pace, who had been elected Northwestern Division Vice Director in 2012, moved into the Director's chair in 2014, after former Director Jim Fenstermaker, K9JF, was elected ARRL Second Vice President at the ARRL Board of Directors annual meeting. President Kay Craigie, N3KN, tapped Altus, then Oregon Section Manager, as Vice Director to succeed Pace, who previously had served as Western Washington SM.

The new terms of office for Jim and Bonnie begin at noon on January 1, 2016.

This Month's Programs

1. Beginner: How to Design and Construct a Low-Cost 2 Meter Antenna.

Program: This will be a discussion and tutorial on the Design, debugging, and construction of a very cheap but functional 2m antenna. 2 Meters antenna are widely discussed in various articles, but there are some basic problems with many of those designs that prevent them from working to their full potential. Allan will go through the process from start to finish.

Biography: Allan Taylor, K7GT, is our club Vice President for 2016, and has been club President several terms in the past. He brings a lot of experience in designing and building antennas, and has a good antenna farm to attest.

2. Advanced: Basics of Ethernet

Program: Ethernet has changed a lot since it's beginnings in the early 1980s. Many hams haven't had the time to keep up with the large number of improvements and enhancements in Ethernet over the years. It's now full-duplex, and collisions are a thing of the past. This presentation will cover some practical things you need to know about Ethernet such as:

- Cat 5, Cat5E and Cat6 : what's the difference and when do I need which kind?
- What's the difference between regular, riser, plenum, and shielded cable?
- What's the color code?
- What's Power-over-Ethernet?
- What's a cross-over cable? Do I need one?
- What is an Ethernet switch, when do I need one?

Biography: Tom McDermott, N5EG, is the RVARC newsletter editor. He is involved in the drafting of some new and recent Ethernet 802.3 standards. He is a member of the IEEE Standards Association and a voting member of the IEEE Ethernet 802.3 Working Group.

ARRL National Parks on the Air

An item of interest from the ARRL Northwestern Section Newsletter (thanks to Jim Pace, KC7EX).

We are at the end of 2015 and many Hams are buying and building antennas and equipment for the National Parks on the Air event, in 2016. The ARRL website will have information on activations and other matters for the event. If you decide to activate a site, make sure you enter your information so that others who are chasing, can find you. For information on how to activate via ARRL go to:

<http://www.arrl.org/files/file/On%20the%20Air/NPOTA/NPOTA-Activator-Guide.pdf>

ARRL Oregon Section Report

Vincent A. Van Der Hyde K7VV has retired as the Oregon Section, Section Emergency Coordinator. Vince served as Oregon Section Emergency Manager since June 1, 2011. Previously, he served as Emergency Coordinator for the Amateur Radio Unit at the Office of Emergency Management from 2004 to 2010. We thank Vince for more than thirteen years of service with Oregon Section and look forward to future contributions to the Section.

Our new Section Emergency Coordinator is Bruce Bjerke K7BHB. Bruce has been serving as Emergency Coordinator for West Lane County for several years. He previously served as Assistant Section Emergency Coordinator for many years. He is returning to Section-wide work in emergency communication. Bruce will be working with county Emergency Coordinators and continue the emphasis on training and competence in partnership with our county Emergency Managers. He has agreed to institute a review of our operating style in ARES with a report to the Section by the end of 2016. He will be taking on the upgrade of the infrastructure for the Oregon Digital Network, securing ARES gateways and assuring that we can use them successfully in a real world call up. Bruce will continue to be assisted by Lisa Clarke KE7NIY in her ASEC role. Lisa also serves as Assistant Section Manager.

The new appointee as Emergency Coordinator for the Amateur Radio Unit at the Oregon Office of Emergency Management is Lynn Burrell KE7WKM. Lynn is moving from a similar appointment in Washington County for nearly five years. He will continue as Acting Emergency Coordinator at Washington County for a short while as Bruce Bjerke SEC and James Bryant DEC-1 work to select a new EC. Lynn will be working at the ARU with Terry Pietras, State Communications Officer. Lynn will be looking to build the number of active ARES members in the ARU and increase training opportunities.

I have re-designed our working relationship with the State of Oregon. My intention is to appoint an Assistant Section Manager to serve as liaison with policy-makers at the state level. Until that person is appointed, I will be carrying the liaison role.

Everett Curry W6ABM, Oregon Section Manager

January 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 • ARRL RTTY Roundup
3 • ARRL RTTY Roundup	4	5 • Women Hams Net	6	7 • RVARC Meeting • Women Hams Net • ARES Net.	8	9 • North American QSO Party CW
10 • North American QSO Party CW	11	12 • Women Hams Net	13	14 • Women Hams Net • ARES Net.	15	16 • North American QSO Party SSB
17 • North American QSO Party SSB	18	19 • Women Hams Net	20	21 • RVARC Newsletter Deadline • Women Hams Net • ARES Net.	22	23
24	25	26 • Women Hams Net	27	28 • Women Hams Net • ARES Net.	29	30 • ARRL VHF Contest
31 • ARRL VHF Contest						

Events

- Thursday January 7th - 7:00 PM RVARC Club Meeting
- Tuesdays & Thursdays 7:00 PM—Women Hams Net K7RVM Repeater 147.000 (+) [PL 123.0]
- Thursdays 7:30 PM - ARES Net. K7RVM repeater 147.000 (+) [PL 123.0]
- Next Newsletter: February Issue. Deadline for input: January 21st.
- ARRL RTTY Roundup <http://www.arrl.org/rtty-roundup>
- North American QSO Party <http://www.ncjweb.com/NAQP-Rules.pdf>
- ARRL January VHF Contest <http://www.arrl.org/january-vhf>

RVARC Membership

RVARC membership dues run from January 1 through December 31. Please bring cash or a check payable to RVARC to a club meeting, or mail (checks only) to:

RVARC Membership
c/o 1058 Linda Ave.
Ashland OR 97520

Regular Member:	\$20.00
Senior Member (62 and over):	\$15.00
Family Member:	\$20.00
Student Member:	\$10.00

For Sale

Fold over tower, approx. 35 feet with rotator and 25 ft. antenna. Also a few books.

Steve Harvey, Grants Pass
so.harvey@hotmail.com
805-432-5218

2015 Amateur Radio Examinations

In the Rogue Valley, amateur radio exams are provided by the RVARC and the SOARC. New exam participants need to provide identification, while upgrading amateurs need to **provide a copy of their current license** as well as show identification. The exam fee for 2015 remains \$15.00. All license candidates must provide a picture ID. Upgrading amateurs must also provide a photocopy of their current license to send in with their application. To search for other exam locations, see:

<http://www.arrl.org/arrlvec/examsearch.phtml> or our club webpage: <http://w7dta.org>

Medford—Phoenix, OR

Time: Saturdays, Registration 8:30 AM. Exam session at 9:00 AM. Walk-ins welcome.

Location: Fire District 5 HQ. 5811 South Pacific Highway, Phoenix, Oregon 97535

Dates 2016: Feb 27 Jun 18 Oct 29

Contact: Don Bennett, Email: kg7bp@rfwarrior.com Phone: (541) 973-3625

Grants Pass

Time: Fridays Registration 6:00 PM. Exam session at 6:30 PM. Walk-ins welcome.

Location: Fruitdale Grange. 1440 Parkdale Dr., Grants Pass OR 97527-5288

Dates 2016: Feb 19 May 20 Aug 19 Nov 18

Contact: John Stubbe, K7VSU, email: jstubbe7@gmail.com Phone: (541) 218-2244

Roseburg, Bend, Redding, Brookings, Crescent City — Please see our club webpage, <http://w7dta.org> for updates as we receive schedules for these cities.

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