



# The Repeater

## Next Club Meeting

Thursday  
February 2, 2017, 7:00 PM

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

Program: Software Defined Radio  
from DC to Daylight

Volume 2017, Issue 2

February 2017

Scott Cummings	NA7OM	<a href="mailto:kd7ehb@yahoo.com">kd7ehb@yahoo.com</a>	President
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Allan Taylor	K7GT (541) 855-2054	<a href="mailto:k7gt@arri.net">k7gt@arri.net</a>	Secretary
Tom McDermott	N5EG (541) 734-4675	<a href="mailto:n5eg@tapr.org">n5eg@tapr.org</a>	Newsletter & Membership
Club Web Page:		<a href="http://w7dta.org">http://w7dta.org</a>	

## Club Notes

Thanks to Scott Cummings, NA7OM for working out the details with the Red Cross for continued use of their facilities for our meeting room !

The road conditions during the January meeting were pretty bad, especially for those a little further off the main plowed streets or on hills.

The 2017 badges for those who have renewed were prepared, but the membership coordinator didn't make it to the meeting. I'll bring them to the February meeting.

*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.

## Secretary's Report

The January 2017 meeting was held Thursday, the 5th at the Medford Red Cross center. Attendance was substantially reduced due to weather related road and driving conditions but a good time was had by those who braved the roads and temps. It was called to order at 7:10 with discussion about success in securing the Red Cross facility to use as our meeting place. Apparently there is a supportive ham (N5ABE) in the Red Cross chapter leadership. He saved the day. The local personnel allowed Scott and a few others to 'tour' the local radio room. It is apparently in significant disorder but we may be given an opportunity to rehabilitate it.

Don Bennett announced the 2017 testing session dates (Phoenix fire station) as February 28, June 17, and October 28. All sessions signup at 8:30, testing at 9:00AM.

Treasurer's report: \$4398.73. Payment of \$200 for club insurance and the balance in-

*(Continued on page 2)*

## Secretary's Report

cludes an uncashed check to the Red Cross currently in Scott's hands.

Two visitors/possible new members were introduced:

- Jason Davis KI7ITJ
- John Fowler KI7ITQ

Jason has a simple HT but has big HF plans. John is CCR-limited and seeking ways to become radio-involved. At this time, John has the license but no (nada) gear. K7GT suggested he become acquainted with the local VHF SSB gang (N7EU, N7RBP, K7TRK, etc.) and also with JCARES.

Field Day 2017 was a major topic of discussion, lead primarily by Mike WB6FFC. Mike has become the de facto Field Day honcho. Scott and Mike have asked all club members to consider (and soon!) location and style for RVARC's Field Day effort this year. A return to the field by Science Works is plausible but all suggestions and thoughts are invited.

Coming out of the FD discussion was a follow-on discussion of power line and generic digital RFI remediation. Bot Scott NA7OM and Allan K7GT report that Pacific Power is very responsive to powerline RFI complaints. Several locals in Ashland have obnoxious noise levels. Bob K2GLO suggests that a tour be made near noise locations looking for bad streetlights. Apparently Ashland city schedules replacements weekly on Fridays for reported bad lights.

After a short break for conversation and mini cinnamon rolls, the presentation for the evening was given by Dick Lemke AD7AF about suitcase mini-DXpeditioning. His presentation included many salt-water vistas, stories of amateur ingenuity, fun running on both CW and SSB, and meeting interesting people. In other words, DXpeditioning. He gave us a pictorial tour of his many South Pacific jaunts. Calls held include: ZK1WWA, E51WWA, E51WWB, T32RL, V31RL, and V63WWA. He outlined how he became in-

cluded with DXpeditioning by chance in Rarotonga and in time refining his DXpedition go-bag and antenna/mast collection. He suggests the Ki-Ki Hotel, room 21 with its balcony almost over the surf zone. Verticals and vertical dipoles adjacent to the surf rule! Other details gleaned: be prepared with adapters to the local power standard (Rarotonga is 220V 50Hz!), anything smaller than RG8X is an effective dummy load, anything larger is too heavy. He uses a 100W radio (his is an Elecraft K3) and light switching power supply, use a simple old (XP-class?) laptop/notebook for logging and sending CW, trap verticals are a compromise to be avoided (go full-size untrapped if at all possible). 100W and a surf-side vertical is 2 S units above an amp and yagis inland, a rare call prefix is good for another S unit or two, etc. By the way, Dick and his wife had a morning flight Friday for Rarotonga. They will be there three weeks. Try 40 and 80m CW.

Submitted by Allan Taylor K7GT January 6, 2017

## This Month's Programs

### 1. Software Defined Radio (SDR) - From DC to Daylight

**Program:** This program was one of six presented at the SeaPac 2016 ham convention in Seaside, Oregon during the Friday all-day SDR forum organized by Jeremy, NH6Z. The Friday SDR forum was very heavily attended, and received good reviews. This presentation covers remote SDR radio considerations, SDR radio architectures, and looks at some available radios. The presentation covers HF, VHF, UHF and SHF SDR radios.

**Biography:** Tom McDermott, N5EG is a techie and is interested in project design and construction having built numerous ham projects over the years, most computer related. He has published frequently in QEX magazine, and presented numerous times at the ARRL / TAPR Digital Communications Conference.

# February 2017

Sun      Mon      Tue      Wed      Thu      Fri      Sat

			1	2 • RVARC Club Meeting	3	4
5	6	7 • Women Hams Net	8	9 • Rogue Hack Lab • ARES Net • Women Hams Net	10	11
12	13	14 • Women Hams Net	15	16 • ARES Net • Women Hams Net	17	18 • ARRL DX CW
19 • ARRL DX CW	20	21 • Women Hams Net	22	23 • ARES Net • Women Hams Net	24 • CQ 160 meter Phone	25 • CQ 160 meter Phone
26	27	28 • Women Hams Net				

## Events

- Thursday, February 2nd 7:00 PM RVARC Club Meeting - Red Cross Medford
- Thursday January 9th — 6:30 PM Rogue Hack Lab, Medford Library
- 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: March Issue. Deadline for input: February 16th.
- ARRL DX Contest CW — Feb 18 and 19 (UTC) <http://www.arrrl.org/arrrl-dx>
- CQ 160 meter contest, Phone Feb 24-26 UTC. <http://www.cq160.com/rules.htm>

## 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 / Wanted

## 2017 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 2017 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 2017:** Feb 28      June 17      Oct 28

**Contact:** Don Bennett, Email: [kq7bp@rfwarrior.com](mailto:kq7bp@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 2017:** Feb 17      May 19      Aug 18      Nov 19

**Contact:** John Stubbe, K7VSU, email: [jstubbe7@gmail.com](mailto: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.

### ***Next Club Meeting***

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