



# The Repeater

## Next Club Meeting

Thursday,  
June 2, 2016, 7:00 PM

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

### Programs:

1. Field Day 2016
2. 432 MHz Moonbounce

Volume 2016, Issue 6

June 2016

Scott Cummings	NA7OM		<a href="mailto:kd7ehb@yahoo.com">kd7ehb@yahoo.com</a>	President
Allan Taylor	K7GT	(541) 855-2054	<a href="mailto:k7gt@arrl.net">k7gt@arrl.net</a>	Vice President
Bob Deuel	K2GLO	(541) 482-8752	<a href="mailto:k2glo@ikasystems.com">k2glo@ikasystems.com</a>	Treasurer
Carl VanOrden	W7NT	(541) 326-5871	<a href="mailto:carl@pacificwest.com">carl@pacificwest.com</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>	

## President's Report

The usual rainy day activities at the QTH. I was going to make a dash to the Oregon Caves (MN57) and work a pileup mobile from the parking lot for the National Parks on the Air event but alas the weather conspired against it. So I retreated to the garage and finished piecing together an old Yaesu FL-2100B back to operating condition after abusing it in a contest of late.

Man, it makes me nervous to have the covers off that thing with 2400 volts of plate voltage running thru it and exposed. True one hand stuffed in a back pocket and think twice before fiddling kind of caution. I'm happy to report full power output and no smoke.....so far!

*(Continued on page 2)*

*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

### RVARC - Minutes for MARCH 3, 2016

The meeting was called to order at 1900PDT by Scott Cummings, NA7OM in the meeting room of the Red Cross building in Medford, OR. Visitors included:

- Bob Moore, KG7YFB
- Charles Barnes, K7UJJ.

### Treasurer's report

Bob Deuel, K2GLO, reported a balance of \$3514.96 in the club treasury.

### Old Business

7QP is this weekend. The group will be setting up at Agate Lake at noon on Friday. The callsign the group will be using is K7D.

### New Business

Tom, N5EG announced there will be a swap meet put on by the Coos County Radio Club in July. Details were in last month's newsletter.

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## President's Report, Continued

*(Continued from page 1)*

Speaking of full power output, I'd like to report on our adventures in the 7QP contest. 18 hours, 750 Q's, 68 multipliers and a grand total of 102,952 points which looks good enough for first place in our category this year and third place for the all time records! A number of people came by and cheered us on. Thanks for showing up and lending support. The club did sponsor a plaque as a award for the category of Oregon Low Power in this year's contest. I'm sure some operator has tallied his points and just like us, waiting for the final results.

I'm happy to report also that due to the activities of some dedicated members, Field Day 2016 is shaping up nicely. I hope that we have a good turnout of members and since this time around is more geared to having fun and exposing visitors to the Science Works to amateur radio, that you come by and help demonstrate our hobby. You never know, you might be instrumental in making a new ham!

### September Swap Meet

September is our club swap meet, so prepare your basements, attics, and sheds for a thorough cleaning late this summer. Who knows, you might swap some really old stuff for some new cash.

Again this year the first Saturday in September aligns with the Labor Day holiday weekend, so we might move the swap meet to the last Saturday in August. During the summer we will decide which Saturday and announce the date in the newsletter and on our club webpage, so keep your calendar open.

### Congratulations

Our club Secretary, Carl VanOrden has a new callsign: W7NT. Congrats on the 1x2 Carl !

### Scott, NA7OM

## Secretary's Report, Continued

*(Continued from page 1)*

Rita Durbas, K16SSQ said the Extra Class exam pool would be changing July 1, 2016. Bill Shrader, W7QMU added that there will be an exam session on May 15 at the Smullen Center, starting at 2pm.

### Motion

Funding for Field Day was discussed. Mike Bach, WB6FFC proposed the club allocate \$250 for Field Day Expenses this year, seconded by Tom, N5EG. The motion passed: 27 in favor, one opposed.

Scott, NA7OM gave a brief presentation on Slot Antennas. He discussed the history and fundamental characteristics of the slot antenna.

The meeting was put on hold at 1915 PDT for "eyeball QSOs" and coffee. The meeting was called back into session at 2000 PDT.

### Presentation

A presentation was given by John Armstrong, KF7UMK concerning mesh networks for N1MM Logging software. John discussed how the old WRT 54G router could be converted by reflashing the firmware. These units have been used quite successfully in the field.

Additionally, John presented the possibilities of the newer and more versatile Raspberry Pi 3 processor in the application of mesh networking. The Raspberry Pi utilizes Linux-based software allowing for expanded network programming, and the Pi 3 has built in WiFi and Bluetooth. Software is available at: <https://github.com/urlgrey/hsmm-pi>

The meeting was adjourned at 2045 PDT.

Submitted by Carl VanOrden, W7NT Secretary

## This Month's Programs

### 1. Field Day Plans

**Program:** Field Day Plans for 2016. RVARC will hold Field Day at the ScienceWorks Hands-on Museum in Ashland. The presentation will cover site, logistics, history of Field Day.

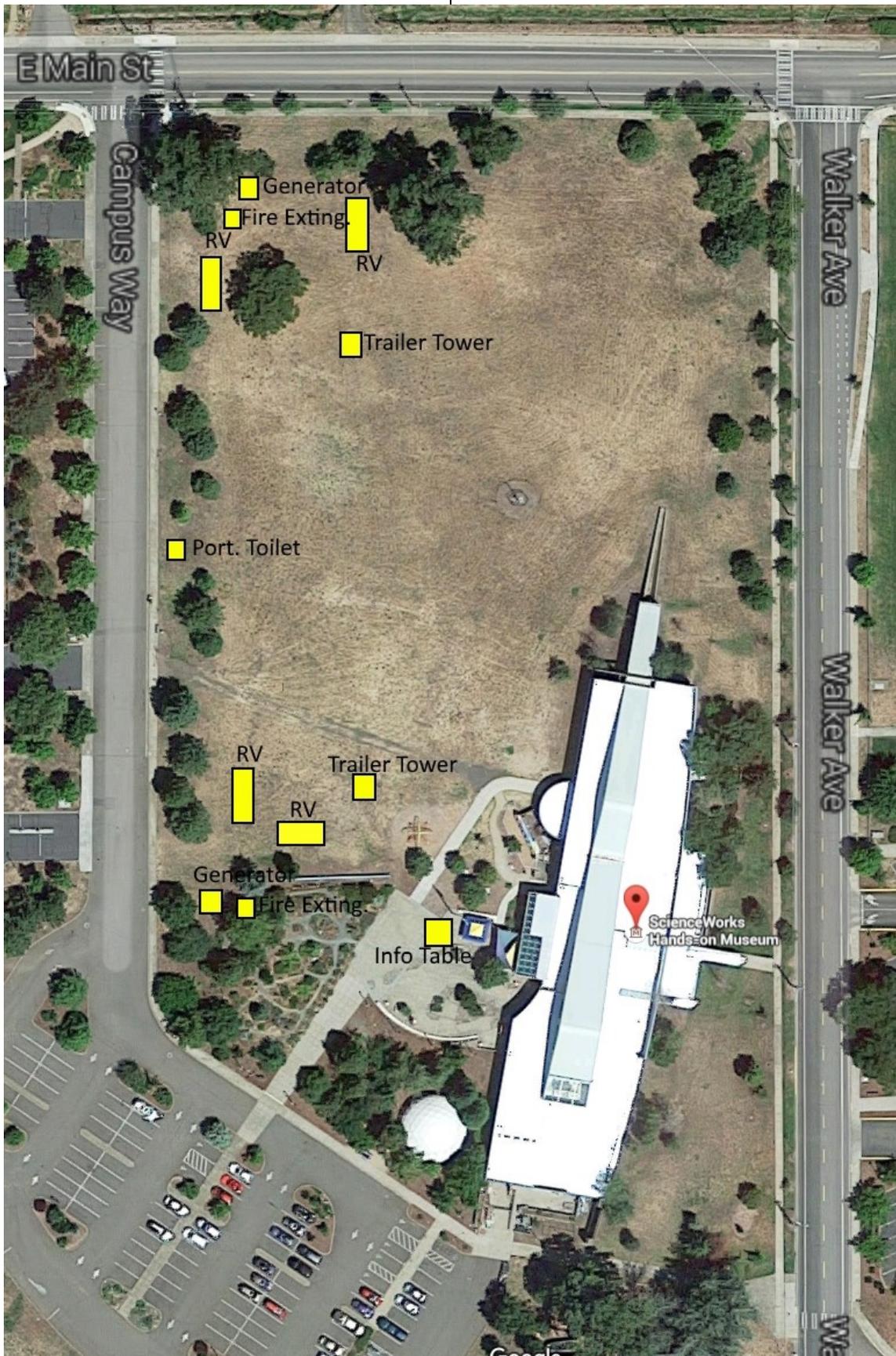
### 2. 432 MHz Moonbounce

**Program:** A video of 432 MHz moonbounce operation using the Stanford University 150 foot dish in 1971.

**Biography:** Mike Bach, WB6FFC will show the video.



RVARC Field Day, 2016—At Science Works in Ashland



# June 2016

Sun      Mon      Tue      Wed      Thu      Fri      Sat

			1	2 • <b>RVARC Meeting</b> • Women Hams Net • ARES Net	3	4
5	6	7 • Women Hams Net	8	9 • Rogue Hack Lab • Women Hams Net • ARES Net	10	11
12	13	14 • Women Hams Net	15	16 • Women Hams Net • ARES Net.	17	18
19	20	21 • Women Hams Net	22	23 • Women Hams Net • ARES Net.	24 • Field Day Setup	25 • Field Day
26 • Field Day	27	28 • Women Hams Net	29	30 • Women Hams Net • ARES Net.		

## Events

- Thursday June 2ndh - 7:00 PM RVARC Club Meeting
- Thursday June 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: September Issue. Deadline for input: August 18th.
- June 24-25-26: Field Day—Setup, Operate, Teardown. Science Works, Ashland. See article for details.

## 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

## Summer Vacation

**RVARC does not have meetings in July or August, thus 'The Repeater' is not published for the months of July and August.**

## 2016 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:** Jun 18 Oct 29

**Contact:** Don Bennett, Email: [kg7bp@rfwarrior.com](mailto: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:** Aug 19 Nov 18

**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.

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