



# The Repeater

## Next Club Meeting

**Saturday**  
**August 27, 2016, 9:00 AM to 1:00 PM**

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

Program:  
 Swapmeet

Volume 2016, Issue 9

September 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

Welcome back from summer break, I hope everyone enjoyed the fine weather with friends and family with a few eyeball QSO's thrown in for good measure. In short order, one of the club's major events will be heralding in the rest of the year. Of course I'm speaking about the swap meet on Saturday the 27th starting at 9:00 am. I hope to see many of you there and this is a chance to impress the XYL by cleaning up the unused detritus from the shack and bringing it down to find a new home cluttering someone else's operating position. I'm positive your find something on a table you just can't live without, to sneak back home under the nose of you know who. Such fun!

*(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 JUNE 2, 2016

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

A short presentation was given by on the history of Field Day. It was followed by a discussion about the logistics for the upcoming event at the end of the month.

### OLD BUSINESS

No old business was discussed this month.

### NEW BUSINESS

Scott, NA7OM, reminded the members that the next meeting is the club's annual swap meet. The date is to be announced at a later

*(Continued on page 2)*

## President's Report, Continued

*(Continued from page 1)*

And speaking of finding unwanted treasures, last year while I was making the rounds, I spied a odd looking paddle keyer laying forlornly among some other items on a table and eventually picked it up for a measly ten dollars. It looked like a Vibroplex Brass Racer but odd looking, so I put a description and a picture of it on one of the forums which garnered quite a bit of interest and identified as a original HAMCO Carson! I was offered in a email \$250 plus shipping from a gentleman wanting it for his key collection. Proud to say it's in service still at the NA7OM QTH. Maybe you can have a bit of luck likewise.

Two items to mention. Calling for program presentations for the October and November meetings. If you have a notion to thrill the membership, please contact Tom, N5EG and he'll be glad to find a slot for you. [Ed note: we have tentative commits for October and November].

The next is.....club officer nominations! I'm sure many people are straining in their harnesses to serve the membership and lead all of us into the new year which I remind you, is the club's 80th anniversary! Please contact Tom, N5EG so he can add you to the slate for office. I'm positive that since there is such a overwhelming desire from so many, my advice is to notify Tom ASAP.

Scott, NA7OM

## Secretary's Report, Continued

*(Continued from page 1)*

date.

The President discussed the insurance plan that is currently used by the club. The current insurance plan is not through the ARRL, and may not address the needs of the club adequately. Scott would like to explore insurance options.

Rita Durbas, KI6SSQ and Bill Schrader, W7QMU spoke about the recent VE session at St. Mary's School. The exams resulted in 16 new hams, the youngest being 13 years old. There was further discussion about getting new hams to the upcoming Field Day. Scott suggested that the club donate the TS-440 radio and accessories to the St Marys School to have a radio station. Herb, W7MMI seconded the motion, and it passed.

### TREASURER'S REPORT

There was no Treasurer's Report this month, as Bob Deuel, K2GLO was not in attendance.

The meeting was put on hold at 1950 PDT for "eyeball QSOs". The meeting was called back into session at 2010 PDT

### PRESENTATION

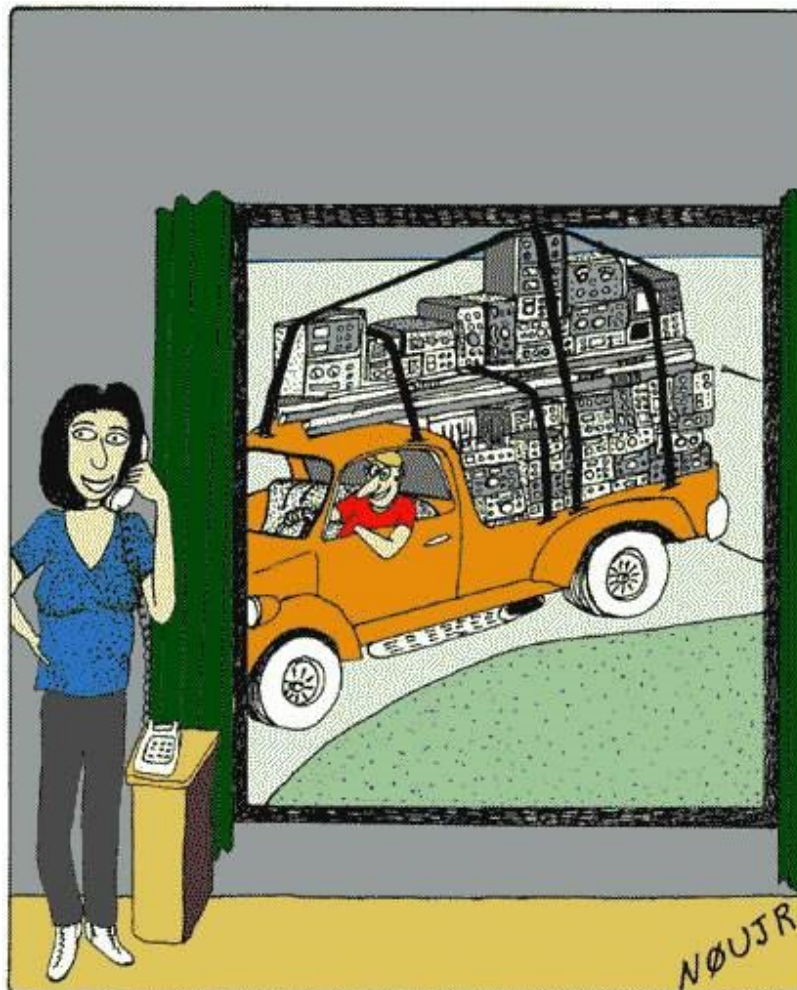
Mike Bach, WB6FFC, gave a presentation on Moonbounce from the Stanford University 150 foot dish. The dish has 43.7 db of gain on 432 MHZ. with a beam width of 1.06 degrees. Mike showed a video that was taken by the UHF Radio Society concerning an operation on 432 MHZ.

The meeting was adjourned at 2050 PDT

Submitted by Carl VanOrden, W7NT Secretary

## This Month's Program

**Program:** Our annual swapmeet will be held on Saturday, August 27th from 9:00 AM to 1:00 PM at the Red Cross building. See flyer in this issue.



"No Greg went to the ham auction this afternoon, to get rid of a couple old radios that were cluttering up the place...Oh I think I hear him pulling in now!"

## For Sale

Two rack-mounted low-band amplifiers.

First one with a 3-1000z tube and chimney, with matching load and tune Jennings Vacuum variables, Pi-L output, QSK vacuum relays. Excellent condition. Second amp 4-1000a tube, vacuum load capacitor, backup amp, fair condition. Both amps share a Henry Radio manufactured choke input power supply, with a variable input 240volt power stat, output up to 4000 volts dc at 3 amps! over \$2000 invested. will sell for \$1000.

Bob, K7VX Merlin OR k7vxbob@gmail.com

Call 541-471-3044

# Ham Radio Swapmeet 2016

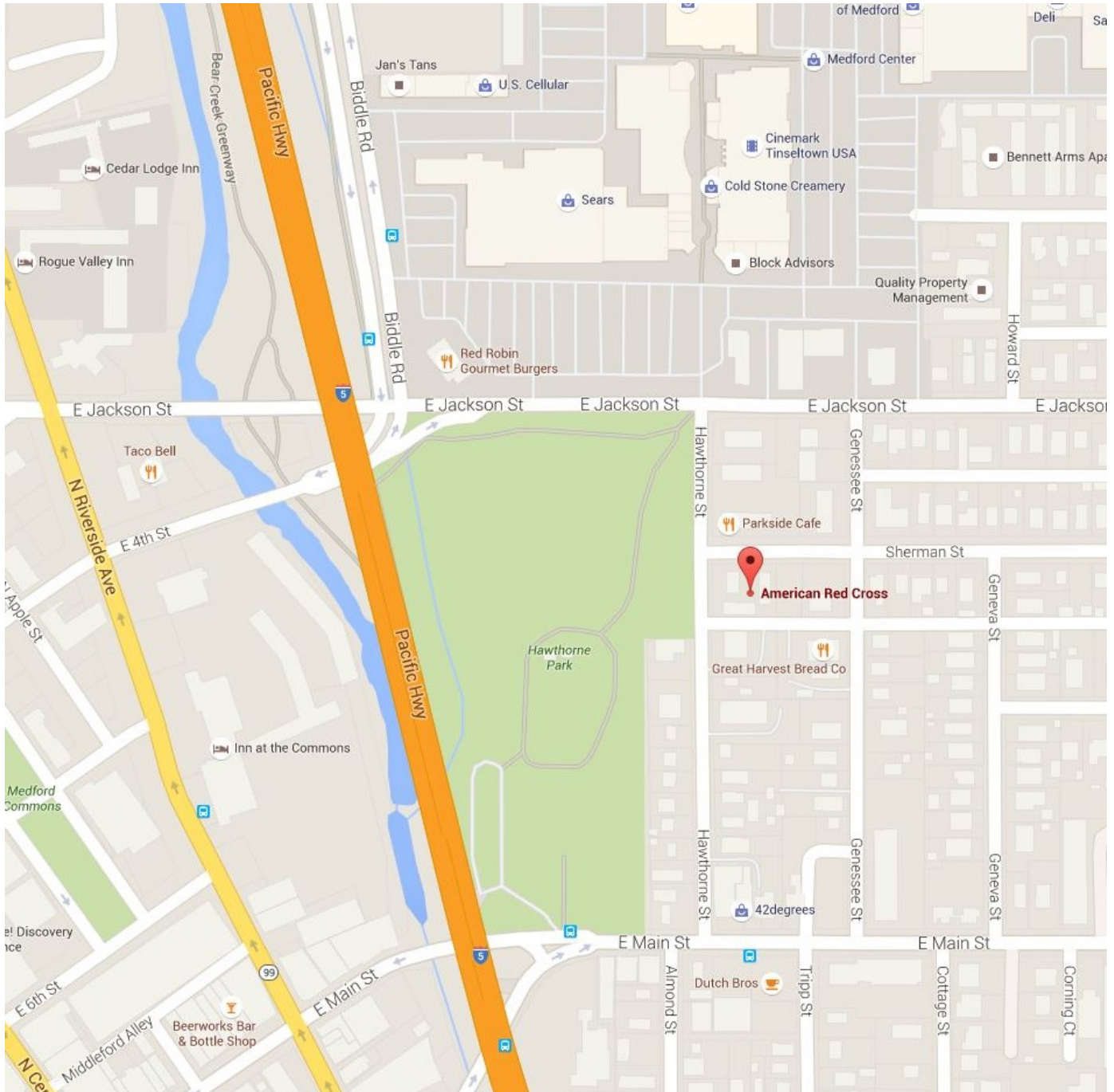
Rogue Valley Amateur Radio Club

<http://w7dta.org>

Saturday, August 27, 2016

9:00 AM until 1:00 PM

Location: American Red Cross Building 60 Hawthorne St., Medford, OR



## West Evans Creek Cleanup by Bill Shrader, W7QMU

On June 3 (Friday) 5 members of RVARC (with several others) participated in the annual West Evans Creek campsite cleanup. They were: Mike Bach WB6FFC, Raoul Salem KG6DKA, Lyle Hood WB7VUF, Judy Shrader KA7OFM, and Bill Shrader W7QMU. Other amateurs participating: AF7GN, KE7YLD, KE7WVI, KF7PTH, WB7QPZ, WA6RHK and K7EU. Eighty Seven students from Rogue River High School, divided into 10 groups cleaned up, watered plants, put up signboards, installed and repaired fences, repaired erosion damages and other tasks to make the campsites habitable for the 2016 season. They had to remove a boat that was discarded in one of the sites (West Evans Creek is not usable with a boat, your guess).

Our team provided radio coordination for the project. We had operators on two buses, two roving mobiles and three fixed mobile stations. The narrow canyon with twisty curvy path provides a challenge for any communications, where there is no cell phone coverage. We used 146.520 simplex and had no real problems from mile zero to mile 16. King Mt 146.940 was the EMERGENCY contact channel monitored by WB6RHK.

After all personnel was finished and picked up, Lunch was served at Elderberry Flats (BLM) campground.

Here are the comments from the Project Leader Marie Reeder:

**From: Marie Reeder <email>**  
**To: William Shrader <email>**  
**Subject: Thanks for an amazing radio job!**

**Hi, Bill and Judy,**

**Please pass along my thanks to your amazing crew for their service at Elderberry yesterday. There's no way we could have managed successfully**

**without your help. The system of having radio people on the buses worked brilliantly, the only reason we stayed on schedule. After you folks left we were able to hold an hour long closing ceremony that was educationally golden and would have been lost if we had not kept the groups coordinated and able to return to lunch together.**

**Personally, I'll never forget the solutions you provided to the Case of the Missing Dumpster. I didn't know a 20 yard dumpster could be hauled at warp speed up the West Fork road, so your warning about its rapid approach to the campground was welcome.**

**Judy, thank you for your patience with my ignorance of radio protocols.**

**Please help us again next year. Who knows what adventures we'll have?**

**marie**

**William and Judith Shrader  
300 Luman Rd., Unit 48  
Phoenix, OR 97535  
541-897-0660**

## RVARC Field Day 2016, K7M 3A OR

The Rogue Valley Amateur Radio Club held our Field Day event this year at Science Works in Ashland. Science Works was a great host, providing advertising, listing on their event calendar, lots of visitors, and a good physical site.

We setup the antennas, towers, and trailers on Friday afternoon, and commenced operation Saturday at 11 AM. We also had a meet and greet table near the front doors of Science Works, where we handed out literature, provided contact information, and conducted several tutorials on the ionosphere and the science behind HF propagation. There were also handouts / pages with QR codes so those with mobile phones could quickly go to our club webpage, Joe Gunderson's training classes webpage, and to the exam sessions listing on our webpage.

Several visitors were well-versed in propagation and asked good questions later Friday afternoon. They returned Saturday to continue the discussion! Both turned out to be local FM radio broadcast engineers, they really liked talking about the science.

There was a covered area where our GOTA station was set up, and where visitors could have an actual QSO themselves, talk about amateur licensing, tests, and classes. Dan Curtis, N6WN did a great job helping 5 kids and one mom conduct their first HF radio contact. Mom seemed to be the most thrilled of the group!

We had a sign-up list, many folks asked to receive a copy of the next club newsletter and information about the club meetings.

In the facilities department, Mike Bach, WB6FFC pulled another couple of rabbits out of his hat (again) and came up with the fire safety equipment that the Ashland Fire Department required us to have.

In the radio department, Mike provided a tribander and the crank-up tower/trailer,

while Scott, NA7OM provided his AB-577 tower and tribander. We spent much of Friday afternoon raising, lowering, raising, lowering Scott's tower until all the guys were reasonably straight and taut. This was a case where 12 people helping may have been too much as we had a difficult time getting things straight and equalized.

A couple of 40m dipoles rounded out the antenna farm, along with Mike's 80m vertical.

John Laybourne, W8WOM provided a toy-hauler RV for the CW station, with enough room to put a full-sized table in the rear and setup several CW stations. This worked superbly as Allan Taylor, K7GT and Dick Lemke, AD7AF racked up a large collection of CW contacts on 20 and 40 meters. The RV was in shade all day, and operating temperatures were far more comfortable than the thermal event we had in 2015.

Mike provided his travel trailer for the phone station, and it was constantly busy.

In the public area, there was a full-time digital station going, working RTTY and PSK31 QSOs anchored by Chris Duncan, N7CGD.

John Armstrong, KF7UMK assembled a solar charging station to accord us huge number of solar powered QSOs.

This year we entered 3A category. Our submission to the ARRL had to be completed in just under one month, and we submitted a claimed score of:

	CW	Digital	Phone	Total
Total QSOs	615	78	800	
Total Points	1230	156	800	2186
Claimed QSO Score =				4,372
Plus bonus points of 1,150 for a total				
				<b><u>claimed score of 5,522 points.</u></b>

**RVARC Field Day, 2016, Continued**



**Rita Derbas, KI6SSQ staffed our public information booth.**

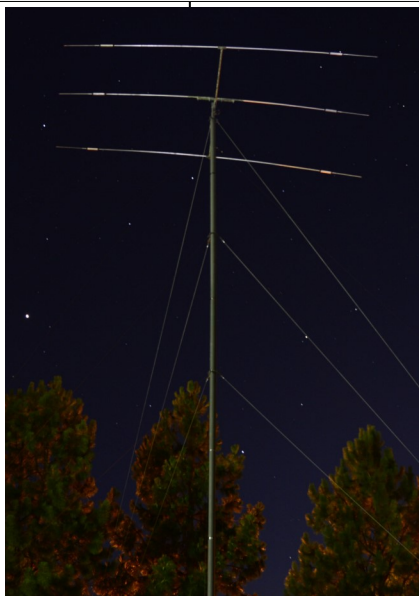


**Dan Curtis, N6WN staffed the GOTA station, while Chris Duncan, N7CGD orchestrated digital modes. Our GOTA station was busy with visitors all Friday and Saturday.**

**RVARC Field Day, 2016, Continued**



**John Laybourne's Toy Hauler made a great CW station. Lots of visitors.**



**It looks even better at night. (K6KSI photo)**

**Science Works was a terrific host.**

**Scott's AB-577 tower put the phone tribander and 40km dipole way the heck up there.**





**RVARC Field Day, 2016, Continued**



**First Ever Ham Radio Contact ! (K6KSI photo)**



**Phone station Friday night. (K6KSI photo)**

# September 2016

Sun      Mon      Tue      Wed      Thu      Fri      Sat

				1 • Women Hams Net • ARES Net	2	3
4	5	6 • Women Hams Net	7	8 • Rogue Hack Lab • Women Hams Net • ARES Net	9	10
11	12	13 • Women	14	15 • Women Hams Net	16	17
18	19	20 • Women Hams Net	21	22 • Women Hams Net • ARES Net.	23	24 • Texas QSO Party • CQ WW RTTY
25 • Texas QSO Party • CQ WW RTTY	26	27 • Women Hams Net	28	29 • Women Hams Net • ARES Net.	30	

## Events

- **Saturday, August 17th 9:00 AM - 1:00 PM RVARC Swap meet (in lieu of September Club Meeting)**
- Thursday September 8th — 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: October Issue. Deadline for input: September 22nd.
- Texas QSO Party— Saturday Sept 24—Sunday Sept 25. <http://www.txqp.net>
- CQ WW RTTY 0000Z Sep 24 to 2400Z Sep 25 <http://www.cq-amateur-radio.com/>

## 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

See: Amplifiers for sale, page 3.

## 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.

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

**Saturday August 27, 2016, 9:00 AM to 1:00 PM**

**Red Cross Building, 60 Hawthorne St., Medford, OR**

**Across from Hawthorne Park**

**Program: Swapmeet**