



# The Repeater

## Next Club Meeting

**Tuesday** May 5, 2026,  
7:00 PM

LOCATION:  
Jacksonville Library  
340 W C St., Jacksonville, OR.

Program: 40 Meter magnetic loop,  
Steve Bosbach, KW5V

Volume 2026, Issue 5

May 2026

Amy Haptonstall	AG7GP		<a href="mailto:aq7qp.amy@gmail.com">aq7qp.amy@gmail.com</a>	President
Allan Taylor	K7GT	(541) 855-2054	<a href="mailto:k7gt@arrl.net">k7gt@arrl.net</a>	Vice President
Mike Bach	W6FFC	(541) 830-3346	<a href="mailto:eaglepoint.or@juno.com">eaglepoint.or@juno.com</a>	Treasurer
John Armstrong	KF7UMK	(541) 899-1917	<a href="mailto:john@kf7umk.com">john@kf7umk.com</a>	Secretary
Tom McDermott	N5EG	(541) 656-7438	<a href="mailto:n5eg@tapr.org">n5eg@tapr.org</a>	Newsletter & Membership
Club Web Page:			<a href="http://k7mfr.org">http://k7mfr.org</a>	

## Club Notes

Starting in March, the club will now hold the monthly meeting on the first **Tuesday** of the month. That may be difficult to adjust to!

Grants Pass Net Wednesdays at 7:00 PM on 28.350 MHz. Moving sometimes to 1.941 MHz. afterwards.

The seven-area QSO Party (7QP) is this coming Saturday (May 2nd) 6:00 AM to Mid-night. This is a fun and relatively easy-going contest.

Information at:

<http://7qp.org/new/Page.asp?Content=start>

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*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

2026-04-07 RVARC Meeting Minutes

7:06pm Meeting called to order by President Haptonstall, AG7GP.  
21 attendees, including about 7 visitors.

The zoom presentation on "CW Tube Transmitter SOTA" by Dan Koellen, AI6XG, was first.

Part of Dan's plan for building a battery operated tube transmitter was to use technology from all the decades of the 1940's through the 2020's. One key element for the B+ supply was to use a modern, miniature, solid-state dc-dc converter made for powering nixie-tubes.

For more information, see:

[www.ai6xg.com/post/single-tube-sota-transmitter](http://www.ai6xg.com/post/single-tube-sota-transmitter)

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## Club Notes, Continued.

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## RVARC Email List

RVARC maintains a private closed email reflector for members and friends.

An email sent to the reflector will be sent to everyone else subscribed to the list.

You can also browse past messages and create new messages from the web interface if that is more convenient.

**You MUST respond to the invitation from googlegroups to join the list.** Several folks have been sent invitations, but they have expired unused.

If you are not on the list, send an email to our club webmaster, Tom, N5EG (address on the front page) and he will have googlegroups send you an invitation.

## Secretary's Report, Continued

[www.ai6xg.com/post/vacuumtubesota](http://www.ai6xg.com/post/vacuumtubesota)  
[www.worldradiohistory.com/Archive-Electronics-Illustrated/Electronics-Illustrated-1967-03.pdf](http://www.worldradiohistory.com/Archive-Electronics-Illustrated/Electronics-Illustrated-1967-03.pdf)

[www.w7ekb.com/flashbugs/projects/CrystalOscillators.pdf](http://www.w7ekb.com/flashbugs/projects/CrystalOscillators.pdf)

[www.frostburg.edu/personal/latta/ee/ee.html](http://www.frostburg.edu/personal/latta/ee/ee.html)  
[www.ai6xg.com/post/high-voltage-dc-to-dc-supply-evaluation](http://www.ai6xg.com/post/high-voltage-dc-to-dc-supply-evaluation)

[www.ai6xg.com/post/trswitch-qcx-interface](http://www.ai6xg.com/post/trswitch-qcx-interface)  
[github.com/phase2682/SOTA-Tube-xmtr](https://github.com/phase2682/SOTA-Tube-xmtr)

[www.frostburg.edu/personal/latta/ee/6cl6xmtr/6cl6schematic.html](http://www.frostburg.edu/personal/latta/ee/6cl6xmtr/6cl6schematic.html)

[www.frostburg.edu/personal/latta/ee/6cl6xmtr/6cl6why6cl6.html](http://www.frostburg.edu/personal/latta/ee/6cl6xmtr/6cl6why6cl6.html)

[omnixie.com/products/nch6300hv-nixie-hv-power-module](http://omnixie.com/products/nch6300hv-nixie-hv-power-module)

[grp-labs.com/qcx.html](http://grp-labs.com/qcx.html)

8:01pm End presentation, start Q&A

8:21pm New Business:  
Ideas needed for 7QP, held the first weekend in May. Possible locations: King Mountain (3 county), hwy140 East of Mt Pitt (2 county)]

College outreach? [Remotehamradio.com](http://Remotehamradio.com)

Treasurer's report: \$6089.27 bank balance

8:30pm Raffle of KD6UIH's 40M Receiver was won by Mike Bach, W6FFC.

8:35pm Meeting adjourned

Submitted, John KF7UMK, Secretary

## This Month's Programs

### 1. Homebrew 40M magnetic loop antenna.

**Program:** This presentation is about the construction of a homebrew 40 meter magnetic loop for the top of a small motorhome. It will also cover some of the basics of magnetic loop antennas and why the particular design was chosen. This antenna has some compromises but is a useful tool in certain circumstances.

**Biography:** Steve Bosbach, KW5V has been a ham since 1972 when he started as a novice in Roseburg, OR. as KA7HCW. He's also held N6DJL in California and KG5BR in Texas. In Austin, TX he finally got extra, KW5V and put up a 70+ ft. tower with a homebrew 5 band quad and proceeded to work the world on HF. Since moving back to Oregon, Steve has emphasized Em-comm, and is still active in the leadership of Jackson Co. ARES.

### Planned and Potential Programs for 2026:

June	TBD	Field Day 2026
Future	Amy Haptonstall AG7GP	SOTA campout
Future	Rob Locher, W9KNI	Discussing Bencher and his book The Complete DX'er
Future	Michael Fowler	Digipi and digital modes
Future	<b><i>Volunteer a program !! Your name here !!</i></b>	

# May 2026

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 • 7QP Contest
3 • CP ERC Net	4 • CARE Net	5 • <b>RVARC Meeting</b> • 2M SSB Net	6 • 2M SSB Net	7 • JC-ARES Net	8	9
10 • CP ERC Net	11 • CARE Net	12 • 2M SSB Net	13 • 2M SSB Net	14 • <b>CARE Meeting</b> • JC-ARES Net	15	16
17 • CP ERC Net	18 • CARE Net	19 • <b>JC-ARES Meeting</b> • 2M SSB Net	20 • 2M SSB Net	21 • JC-ARES Net	22	23
24 • CP ERC Net	25 • CARE Net	26 • 2M SSB Net	27 • 2M SSB Net	28 • JC-ARES Net	29	30
31 • CP ERC Net						

## Events

### Meetings

- **RVARC** 7:00 PM JCLS Library—Location changes, see newsletter front page.
- **CARE** 6:30 PM, Fiesta Restaurant – 1016 N. Riverside, Medford.
- **JC-ARES** 6:30 PM, Elmer's Restaurant, 66 Stewart Ave. Medford, OR.

### Nets

- **JC-ARES** Thursdays 7:30 PM - K7JAX Mt. Baldy Repeater 146.840 ( - ) [ PL 123.0 ] open, directed, visitors welcome
- **CARE** Mondays 7:00 PM— KB7SKB Jacksonville Repeater 147.100 ( - ) [PL 136.5], open, directed net, visitors welcome
- **2 Meter SSB** Tuesdays 7:00 PM and Wednesdays 10:00 AM—144.200 USB
- **Central Point Emergency Radio Communications** Sundays 8:30 PM— KB7QMV Medford Repeater 145.410 ( - ) [ PL none]. Move to simplex net on 147.585 MHz when finished. Directed net.
- **Siskiyou County ARC** Thursdays 7:00 PM—Net K6SIS Repeater 146.79 ( - ) [PL 100.0]

## 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 1940 Stevens Rd.  
Eagle Point OR 97524-6523

Regular Member:	\$20.00
Senior Member (62 and over):	\$15.00
Family Member:	\$20.00
Student Member:	\$10.00
Dual Member (CARC+RVARC):	\$30.00

## For Sale / Wanted

For Sale: All ham radio gear together as one package. \$1250

1. Kenwood TS-480HX transceiver, all mode, 50mhz w/manual/box
  2. Samplex amplifier, SEC-1223 (1)
  3. Samplex amplifier, SEC-1223 (2)
  4. Drake MN7 matching network tuner w/manual
  5. Signa Link USB sound card
  6. Sony XDR-F1HD digital AM/FM tuner
  7. Optimas SA-155 intergrated stereo amplifier
  8. All Tec Lansing AC-541 speaker
  9. Pro Electronics SM-50 Stressed Moxon 6m antenna.
- Randy Miltier W6NT  
W6NT@ARRL.net

## 2026 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 photo identification. **Applicants also need a Federal Registration Number (FRN) and email prior to taking the test.** The exam fee for 2024 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, OR

**Walk-ins Ok. Pre-registration suggested, use the link on our webpage:**

<https://k7mfr.org/license-exams/>

**Location:** 932 Summit Ave, Medford, OR 97501 (near SE corner of Summit & McAndrews). Saturday at 2:00 PM on the dates listed:

**Dates 2026:      May 16    Jul 18    Sept 19    Nov 21**

**Contact:** Pat Cunningham N7UH, Email: [ve@k7mfr.org](mailto:ve@k7mfr.org)

### Grants Pass, OR

**Time:** Fridays Registration 6:00 PM. Exam session at 6:30 PM. **Walk-Ins Ok.** Please email a reservation request to John.

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

**Dates 2026:      May 15    Aug 21    Nov 20**

**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://k7mfr.org> for updates as we receive schedules for these cities.