



The Repeater

Next Club Meeting

Thursday January 2, 2025,
7:00 PM

LOCATION FOR January:
JCLS Library Jacksonville Branch
340 W. C St., Jacksonville, OR.
Naversen meeting room.

Program: Low cost RTL-SDR and applications.

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January 2025

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President
Vice President
Treasurer
Secretary
Newsletter & Membership

Club Notes

The Medford PD Community room is not currently available for our meetings, right now we do not know if this is temporary or permanent. This also affects the amateur license testing location.

Our secretary John Armstrong has secured a room at the Jackson County Library System (JCLS) Jacksonville Branch for RVARC in January. The Jacksonville library location is planned until summer, subject to availability.

The location changes around month to month to avoid using the Jacksonville location on the same night as a concert at the Britt, otherwise making parking a big problem.

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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

2024-12-05 RVARC Meeting Minutes

7:07pm Treasurer Mike Bach, W6FFC, called the meeting to order.

New Business: Mike said that membership renewals for 2025 are now being solicited. Rates are posted at the website page: k7mfr.org/membership/

Treasurer's Report: bank balance is currently \$5813.09

Old Business: RVARC & CARE club shared expenses for 2024 Field Day totaled \$633.00. Scott, KK7JAD, made a motion to reimburse Mike, W6FFC, for the RVARC's half \$316.50. Raoul, KG6DKA, seconded the motion. Vote was unanimous "Aye" to pass the motion.

7:15pm Presentation "Chevy Volt as Home Emergency Generator" by Steve

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Club Notes, Continued.

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For January, Pat Cunningham will discuss the low cost RTL-SDR radios, and the wide range of interesting applications they can be used for.

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

Bosback, KW5V.

From Steve's explanatory handout: The Chevy Volt has a unique feature that lends itself to acting as an emergency generator when grid power goes down. The main traction battery (300 volts) constantly charges a 12 volt start / accessory battery when the vehicle is turned on. This allows one to utilize the 12 volts output from this battery to an inverter for conversion to AC house current.

As long as the vehicle is turned on, the main traction battery will keep the 12 volt battery charged. If the traction battery is depleted below 15% SOC (state of charge), the engine automatically starts and begins recharging the battery, within the limits of the amp draw from the house. This will cycle several times until the engine runs out of fuel.

7:43pm Presentation Q&A

7:50pm End Presentation

The CARE club invited RVARC members to their Dec. 14 Christmas pot luck and white elephant gift exchange (<\$15). A swap meet is also planned for sometime in the March 2025 timeframe. A license test will also be given at their 930 Summit Ave location on Jan. 11 at 2pm. Contact or see Mike, N7XBJ, for details.

Upcoming RVARC meeting presentations planned are:

Jan Pat SDR

Feb Michael Pico Balloons and Tracking

Mar Luke HearHam

8:04pm Break for coffee & snacks.

8:45pm End meeting

This Month's Programs

1. RTL-SDR: What \$35 and a Computer gets you.

Program: Pat's agenda is:

A quick overview of what a SDR is vs superheterodyne. Overview of the RTLSDR

- things you can do with the RTL-SDR
 - Explore/Listen (gqrx/sdr++)
 - ADS-B / AIS (dump1090)
 - IOT (rtl_433)
- things I do with rtl_sdr
 - trunk recorder
 - transcriptions

Biography: Pat Cunningham, N7UH is former club president and all around computer guru..

Potential Programs for 2025:

February	Michael N7XBJ, Balloons, Pico balloons and tracking— Rescheduled
March	Luke Bryan KJ7BKH, Repeater Directory software.
April	Volunteer <i>a program !! Your name here !!</i>

January 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 • RVARC Meeting • JC-ARES Net	3	4
5 • CP ERC	6 • CARE Net	7 • 2M SSB Net	8 • 2M SSB Net	9 • JC-ARES Net	10	11
12 • CP ERC Net	13 • CARE Net	14 • 2M SSB Net	15 • 2M SSB Net • CARE delayed to 3rd Wed this month only	16 • JC-ARES Net	17	18
19 • CP ERC Net	20 • CARE Net	21 • 2M SSB Net • JC-ARES Meet- ing	22 • 2M SSB Net • CARE Meeting	23 • JC-ARES Net	24	25
26 • CP ERC Net	27 • CARE Net	28 • 2M SSB Net	29 • 2M SSB Net	30 • JC-ARES Net	31	

Events

Meetings

- **RVARC** 7:00 PM **JCLS Library**—Location changes, see newsletter front page.
- **CARE** 2nd Wednesday, **6:30 PM, Fiesta Restaurant – 1016 N. Riverside, Medford.**
- **JC-ARES** 3rd Tuesday 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

WANTED

Looking for a QRP hf radio. Prefer an older Tentec QRP radio. Power max of 5 watts. Multi-band cw/ssb unit. But will consider other models.

Van Sias, K7VS
541 779 0723
wa7fab@hotmail.com

2025 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).

Dates 2025: Next Exam Jan 11 2:00 PM

Contact: Pat Cunningham N7UH, Email: 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 2025: Feb 21 May 16 Aug 15 Nov 21

Contact: John Stubbe, K7VSU, email: 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.