K7MFR AMATEUR RADIO CLUB Rogue Valley

SINCE 1936 — MEDFORD, OREGON

The Repeater

Volume 2021, Issue 12   **December 2021**

Club Notes

The next club meeting will be Thursday, December 2th, via zoom. The program has not been announced.

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

2021-11-04 RVARC Meeting Minutes

7pm Start meeting on Zoom, approx 14 attendees max.

Treasurer's report: 2 new members paid, $4634.21 bank balance. $200 insurance premium paid, $250 Field Day food cost paid, and $35 Gasoline cost for Field Day generator paid.

Please send dues for 2022 memberships to the Treasurer, Mike Bach. His address, membership types, and prices are on the membership section of the club website at: k7mfr.org/membership/

The CARE club is restarting meetings, and we should talk to them about the details of the dual-membership situation for 2022.

Elections were discussed and it was decided to call for nominations and vote for club offic-

Secretary's Report, Continued

(Continued from page 1)

ers at this meeting, as there was a large member attendance and the time for elections was due. With a short list of nominees, votes were taken and the results for 2022 officers were:

- President: Pat Cunningham, KD7MPA
- Vice-President: Scott Cummings, NA7OM
- Treasurer: Mike Bach, WB7FFC
- Secretary: John Armstrong, KF7UMK

Thanks to those volunteering to serve, and all the members are invited to participate with your good ideas for taking the club higher in excellence for the coming years. We are especially needing program ideas for next year's meetings.

Scott, NA7OM, motions for a constitution change to allow the VP to be a paid position. No second was heard, and Pat says there may be legal issues with that change. The motion died without further discussion.

731pm The Presentation is on Multimode Digital Voice, by Pat, KD7MPA.

Dealing with modes like DMR, C4FM, D-STAR, P25, NXDN, POCSAG, AX25, M17, or FM Analog.
Pat implemented first an MMDVM hotspot. The hardware is open source, can have internal or external radio, and simplex or duplex mode. There are lots of vendors, with varying quality of hardware and documentation.

Pat's MMDVM used an Analog Devices AD-F7021 RF Transceiver. The software used to interface between the user UI and the radio board was MMDVMHost.
Find it at github.com/g4klx/MMDVMHost
Other related sites are:
github.com/g4klx/MMDVM
github.com/juribeparada/MMDVM_HS
mmdvm.blogspot.com/

The UI software hosted on a raspberry pi is

Pi-Star. Find it at www.pistar.uk/
Pi-Star interfaces with MMDVMHost by reading log files. Other digital voice products can be found at:
www.sharkrf.com/products/
www.dvmega.nl/
github.com/dg9vh/MMDVMHost-Dashboard
mmdvm.cc/hambox/

755pm End presentation

The slides are available at the club website: k7mfr.org/reference/ under 'Club Presentations'.

There followed a long MMDVM discussion, and some questions on FT5000MP SDR interfacing to the 9MHz IF output.

845pm Meeting adjourned.

John, KF7UMK, Secretary.

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.

Each month we send ZOOM coordinates for the meeting using that mail 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.

This Month's Program

1. To Be Announced

Program:

TBA.

Biography:

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December 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 • 2M SSB Net	2 • **RVARC Meeting Zoom** • ARES Net	3	4
5 • CP ERC Net	6 • CARE Net	7 • 2M SSB Net	8 • 2M SSB Net	9 • **Rogue Hack Lab Zoom** • ARES Net	10	11
12 • CP ERC Net	13 • CARE Net	14 • 2M SSB Net	15 • 2M SSB Net	16 • ARES Net	17	18
19 • CP ERC Net	20 • CARE Net	21 • 2M SSB Net	22 • 2M SSB Net	23 • ARES Net	24	25
26 • CP ERC Net	27 • CARE Net	28 • 2M SSB Net	29 • 2M SSB Net	30 • ARES Net	31	

Events

Meetings

- **RVARC**   via Zoom.
- **Rogue Hack Lab**   via Zoom.
- **CARE**   UNKNOWN status.
- **JC-ARES**   UNKNOWN status.

Nets

- **JC-ARES** Thursdays 7:30 PM - K7JAX Mt. Baldy Repeater 146.840 (-) [PL 123.0]
- **CARE** Mondays 7:00 PM—. KB7SKB Jacksonville Repeater 147.100 (-) [PL 136.5], open, directed net, visitors welcome
- **2 Meter SSB** Tuesdays 7:00PM 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 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

2020 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 2019 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 2021:   **Suspended due to COVID-19**
Contact: Don Bennett, Email: kg7bp@arrl.net Phone: (541) 973-3625

Grants Pass
Time: Fridays Registration 6:00 PM. Exam session at 6:30 PM. **NO WALK-INS** due to COVID. Please email a reservation request to John.
Location: Fruitdale Grange. 1440 Parkdale Dr., Grants Pass OR 97527-5288
Dates 2021:   **No test dates remain in 2021**
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.

Next Club Meeting
**Thursday December 2, 2020,
7:00 PM**

Via Zoom. Login sent via email or upon request.

Program: TBA