



The Repeater

Next Club Meeting

Thursday April 7, 2022,
7:00 PM

Medford Police Department
Community Room
219 S. Ivy St., Medford, OR

Program: To Be Announced

Volume 2022, Issue 4

April 2022

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 Scott Cummings NA7OM
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President
 Vice President
 Treasurer
 Secretary
 Newsletter & Membership

Club Notes

This month we are moving back to the Medford Police Department Community Room, which has been re-opened after COVID.

The room has very good audio/visual equipment, Internet access, and a bit more room, so it seems like a good choice.

The program for this month has not been decided on yet.

Secretary's Report

2022 March 3 RVARC Meeting Minutes

Meeting began 7pm at the Jacksonville Library Meeting Room. 24 attendees total

Business:
 Should we restore the dues structure for 2022? Pat, KD7MPA, asks: What about the CARE Club dual membership setup?

Scott, NA7OM, made a motion to table the discussion until the board meeting. Voting: 3 -yes, 0-no, 5-no opinion

Treasurer's Report: \$4739.37 bank balance

7:07pm Presentation on AREDN Mesh Network by Arlen, W9PCI, and Kirby, KL7VK

The slide deck is available on W9PCI's website:
<http://w9pci.com/digital/Documents/AREDN%20Presentation2.pptx>

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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, Continued

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Other useful info is there at w9pci.com in the "Digital" menu item link.

There is an ongoing buildout of the AREDN mesh infrastructure in the Rogue Valley, connecting into the Grants Pass mesh eventually, via Blackwell and Fielder. (A LoRa mesh is also in the works, but no details were mentioned.). One purpose of the mesh network is to provide hams with additional comms options through the mesh, such as IP phones, video cameras, web servers, email servers (like WinLink), and chat services. Another is to provide backup emergency comms for when the internet is unavailable due to power outages or damage to infrastructure.

Hams can use licensed frequencies for their mesh radios (for less interference from public bands), while non-hams can use Part 15 frequencies, as long as the meshes can be bridged somewhere. Mostly 2.4GHz and 5.8GHz bands are used, although some 3.4GHz and 900MHz nodes are found. In the absence of line-of-sight RF paths, the meshes can be bridged via internet tunnels. The plan is to interconnect the following emergency-oriented groups, for a more robust comms ability: EOC, Police, Fire, Hospitals, Medical transport, ARES, Red Cross, CERT The nodes are low-cost, easy to setup, and can be fixed or mobile.

For more info see: arednmesh.org and Kirby Wheeler, KL7VK 541-665-2032 Arlen Hatlestad, W9PCI, w9pci@w9pci.com, 541-941-4474

7:35pm After the presentation, there were introductions and discussions. Scott, NA7OM, requested that February's minutes be corrected to clarify that it was no possibility for the Table Mtn site, rather than for Hyatt Lake, for Field Day 2022. Hyatt Lake is a definite possibility for Field Day 2022.

8:30pm Meeting Adjourned.

Secretary's Report, Continued

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.

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.

FCC \$35 License Fee to Start April 19th

This item was in the March 23 ARRL Northwest division newsletter.

NEW \$35 FCC APPLICATION FEES FOR AMATEUR LICENSE APPLICATIONS SET TO START APRIL 19, 2022

ARRL FCC Counsel David Siddall, K3ZJ sent an e-mail today out announcing that the FCC has now set the date for when it will require the new \$35 fee to be collected for all amateur radio license applications that are not an administrative change, such as a change of name or mailing address. That date is April 19, 2022. The official release from the FCC is below:

“MD Docket No. 20-270

On December 23, 2020, the Commission adopted a Report and Order implementing a new application fee schedule which significantly updated the Commission’s previous fee schedule.

As indicated in the 2020 Application Fee Report and Order, the new application fee rates will become effective when the Commission’s “information technology systems and internal procedures have been updated, and the Commission publishes notice(s) in the Federal Register announcing the effective date of such rules.”

On July 6, 2021, the Commission announced the new application fee rates for the Office of Engineering and Technology and the Media Bureau would become effective on July 15, 2021 and on December 15, 2021, the Commission announced the new application fee rates for the Wireline Competition Bureau, the Enforcement Bureau, the International Bureau, and CALEA Petitions would become effective on December 15, 2021. This Public Notice announces that the new application fee rates for the Wireless Telecommunications Bureau, codified at 47 CFR § 1.1102, will become effective on April 19, 2022.

Wireless application fees can be paid through the Commission’s Universal Licensing System (ULS) at <https://www.fcc.gov/wireless/universal-licensing-system>.”

Three things you need to know:

1. All fees collected can be submitted only via the FCC ULS website by the applicant, or by somebody on their behalf. The VECs and their test examiners themselves will not be collecting any FCC fees when tests are administered. Once you pass a test you will have a certain amount of time following the application submission by the VEC to log into the FCC ULS website and pay your fee.
2. Fees will now be collected for each vanity call application, and NOT refunded if you do not win a competitive bid for a particular callsign.
3. If you are considering a vanity callsign at all, **NOW IS THE TIME TO APPLY!**

This Month's Program

1. To Be Announced (TBA)

Program:

Biography:

April 2022

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

Events

Meetings

- **RVARC** Jacksonville Branch library, 340 W C St., Jacksonville, OR.
- **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

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

2022 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 2022 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 2022: **Not yet re-scheduled due to COVID-19**

Contact: Don Bennett, Email: kq7bp@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 2022: **May 20 Aug 19 Nov 18**

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.

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