



The Repeater

Next Club Meeting

Thursday May 2, 2019,
7:00 PM

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

Program:
Tim Duffy K3LR —Contesting

Volume 2019, Issue 5

May 2019

John Laybourne AC7S
 Scott Cummings NA7OM
 Mike Bach WB6FFC (541) 830-3346
 John Armstrong KF7UMK (541) 899-1917
 Tom McDermott N5EG (541) 734-4675
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<http://w7dta.org>

President
 Vice President
 Treasurer
 Secretary
 Newsletter & Membership

Club Notes

As many of you may know, our club president John Laybourne's wife Karen passed away this week. We will keep John in our thoughts and prayers as he goes through a difficult time.

Scott Cummings (VP) is acting as President.

Our program this month is a special treat. Tim Duffy, K3LR, well known contester, DXer, President of DX Engineering and all-around great guy will be presenting on contesting.

Tim's biography is on the programs page later in this newsletter.

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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

2019-04-04 RVARC Meeting Minutes

Meeting was begun at 7pm by Vice-president Scott Cummings, NA7OM. About 18 people were in attendance. President John Laybourne asked to resign some days prior to the meeting to attend to family health care needs. Treasurer Mike Bach had to leave for some medical tests, but later relayed the treasurer's report: Bank balance of \$5025.08 + \$76.90 in petty cash. Scott mentioned that the RVARC has been active since 1936 and wanted to see more participation from the members to help keep the club active for years to come.

The permit for 7QP at Agate Lake was completed, and a thank-you was given to Jill at the County Parks & Rec Dept. for helpfulness. Scott stated that the premise for Field Day was emergency preparation trials, and looking back, it was recalled that Bud Larson, K7LNG, spent the 1955 Field Day in a

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Club Notes

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Our club webpage crashed sometime in the last week or so. It is handing out a PHP script rather than HTML pages. The script is not malicious as your web browser does not execute PHP—the server executes PHP and creates HTML from that.

Todd (the domain and site owner) is working on diagnosing the problem. He has been working on the problem, but it's not resolved yet. We updated the software put it on automatic Wordpress patching and updating by the hosting provider because it was attacked a few months ago.

Unfortunately the popularity of Wordpress has made it the target of many cyber attacks.

We are still looking for a Field Day chair this year. Scienceworks has been a good location in terms of public access, but comes with some drawbacks of the permitting process required in the city of Ashland.

Some folks have been looking at other potential locations, but nothing has been secured at this time.

Scott has reserved Agate Lake park again this year for 7QP. It's a good facility but just a little off the beaten path.

Mike Bach is recovering from his medical event that occurred just before the April meeting, and is doing well, thanks to predictive monitoring.

Secretary's Report

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pup-tent with a 200 pound radio. Radios have certainly changed since then. So far, no place has been decided upon for 2019 Field Day. Another possible Field Day location that could be researched was a property off hwy 140 near Kershaw Rd.

7:13pm, Presentation by Tom McDermott, N5EG, on HamSci 2019 held at Case Western Reserve University in Cleveland, OH. on March 22-23. Cleveland is also known for the Rock & Roll Hall of Fame, and the Cuyahoga River, which due to pollution, last caught fire in 1969, the 13th time since 1868! This is the second year of HamSci, which was started by Dr. Nathaniel Frissel, W2NAF. There were talks by NJIT, MIT, Haystack observatory, K9LA, N0AX, and others. And there were tours of the Case Amateur Radio Club, W8EDU, located in the CWRU Engineering Building. Some talks were at the CWRU think[box], a six-story makerspace, with an amazing complement of prototyping and fabrication equipment. More info can be found at hamsci.org/hamsci2019

7:28pm, Break for snacks and visiting.

7:54pm Presentation by Scott Cummings, NA7OM, on RFI and combating station interference. Some good tips on tracking down and eliminating RFI at your station were presented:

1. Get knowledge on RFI by Google search and at audiosystemsgroup.com/RFI-Ham.pdf, and www.audiosystemsgroup.com/K9YC/K9YC-old.htm
 2. Find domestic sources via the method of elimination using circuit breakers. Also check routers, appliances, LED power supplies, TV's, etc.
 3. Find outside sources, using a directional antenna, such as neighbors, PP&L, etc.
- A disruption of licensed users is considered RFI, see FCC part 15.105. Intermittent or low

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7QP 2019

The 7th area QSO party (7QP) continues to grow in popularity each year, and has grown into one of the largest of the state (or multi-state) QSO parties. It is held the first Saturday in May, which is May 4th this year. It starts at 6:00 AM PDT and goes to midnight.

The exchange is simple and the activity is a bit more relaxed pace than Field Day, so if you haven't contested much or want to try it out, this is a good opportunity to join the club at Agate Lake Park. WE hold the event on the east side of the lake on the peninsula into the lake. That side of the lake is reachable at all hours.

See map below.

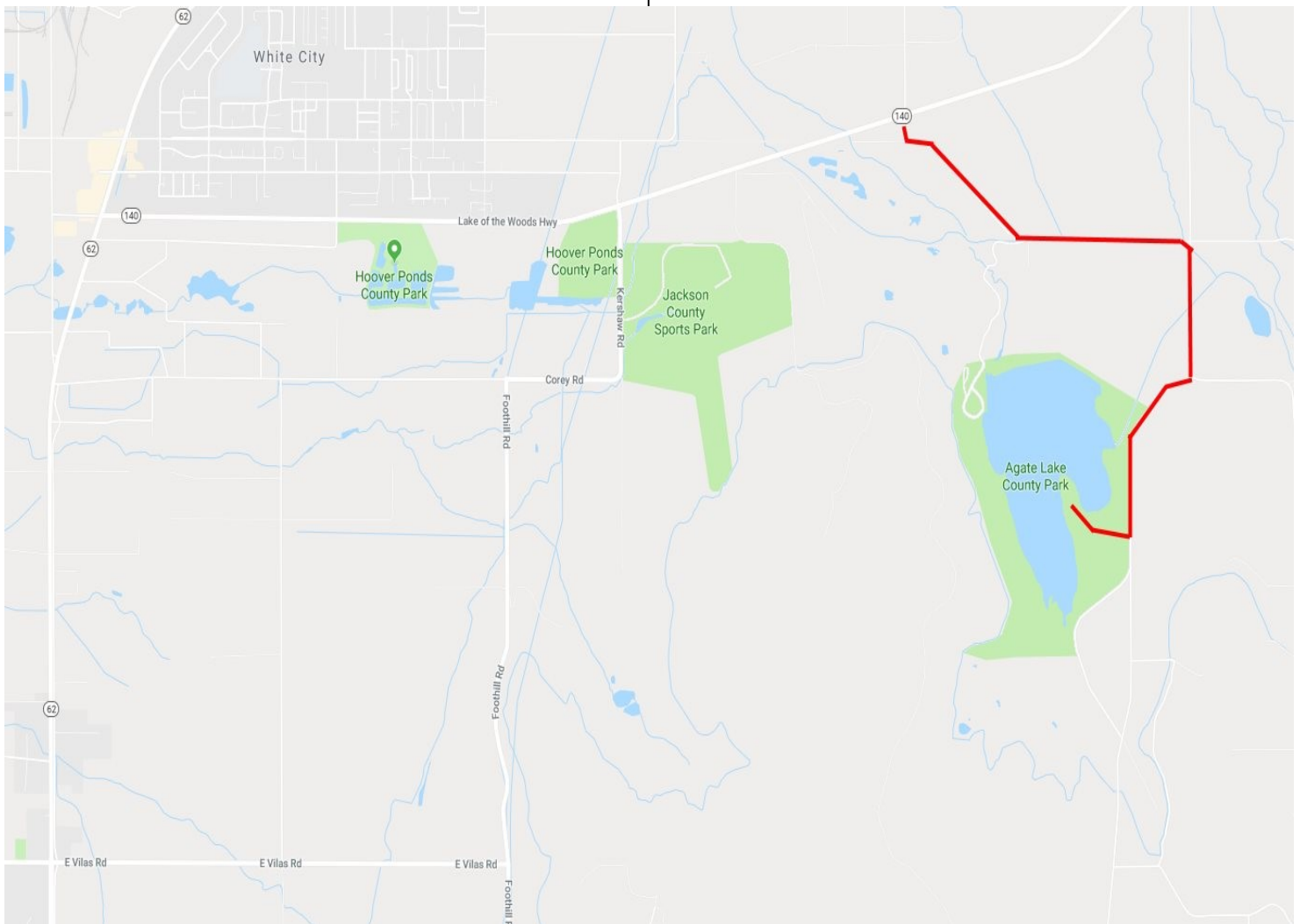
Secretary's Report

-level interference is considered non-harmful.

The Eugene Ham Radio Club also has good info at valleyradioclub.org/rfi.html Scott recounted his efforts finding the sources of, and having neighbors and PP&L remedy, remarkably high levels of RFI at his station. These were due to plasma TV's, RV's, and power-pole wiring and distribution issues. Careful searching and persistence can result in significant reduction of noise levels at your station. It never hurts to have a spectrum analyzer available, either.

Meeting adjourned at 8:58pm

John Armstrong, KF7UMK, Secretary



Pacific Northwest Division Events

N7CFO.COM hosts a page that lists many popular amateur radio events in the ARRL Pacific Northwest division. Note that RVARC made the list !! (August swapmeet), Here's a list for the remainder of 2019:

- April 27. Idaho Ham Radio STEM-Fest, Mountain Home, Idaho. <https://www.idahohamradiostemfest.com/>
- April 28. Klamath Basin Ham Swap Meet. Redmond, Oregon. Deschutes County Fairgrounds. Doors open at 8:30 AM. Admittance \$2 per person. <https://www.facebook.com/pg/kfalls.radio/posts/>
- May 4. Electronics, Ham Radio and Experimenters Swap Meet, Kennewick, WA. Contact: Dan Durlinger KD7KJJ, DANCAR68@AOL.COM OR KD7KJJ@ARRL.NET Flyer in PDF. (150K)
- May 5. Maple Ridge Swap Meet. Pitt Meadows, BC. https://secure.eton.ca/rac/events/detail.php?event_ID=1973
- May 11. Stanwood Camano Amateur Radio Club Flea Market and Hamfest, Stanwood Middle School, Stanwood, WA. This is an ARRL sanctioned event. Contact: Fred Laun, w7pig@arrl.net Flyer in PDF. (895K)
- May 11. Matanuska Amateur Radio Association Annual Hamfest, Wasilla Boys and Girls Club 3700 E Bogard Rd Wasilla, AK This is an ARRL sanctioned event. <http://www.kl7jfu.com> Contact: Sheila Olson , KL3TP, (907)631-2356, kl7jfu@gmail.com .
- May 18 & 19. River Radio Campout 2019. Pateros WA. Sponsored by the Okanogan County Amateur Radio Club. Free "dry" camping along the Methow River at Pateros. Always the weekend prior to Memorial Day Weekend. w7orc1@gmail.com . <http://www.w7orc.com/> . Contact Mike W7MCM, skippermike53@gmail.com . (509)689-3164.
- May 18. PNW DMR gathering. Valley Camp, North Bend, WA. <http://trbo.org/pnw/index.html> <https://dmr.groups.io/g/PNW>
- May 31-June 2. SEA-PAC Hamfest and ARRL Northwestern Division Convention. This is an ARRL sanctioned event. Seaside Convention Center, Seaside, Oregon. info@seapac.org . www.seapac.org/ .
- June 8. Port Ludlow ARC Old Fashion Tail Gate'r. 8am – 12pm. Grace Christian Center, 200 Olympic Pl, Port Ludlow, WA. <https://www.n7pl.org/>
- June 7-9. 51st Annual Apple City ARC Hamfest. Apple City ARC. Dryden, WA. This is an ARRL sanctioned event. (Five miles east of Leavenworth on Hiway 2 <https://leavenworth.org/organizer/leavenworth-chamber-of-commerce/>). This is a RV oriented old fashioned hamfest and there is a wide range of motel accommodations available - see the back of the flyer. <https://www.applecityarc.com/> Flyer in PDF. (314K)
- June 15. Second Annual Tailgate Swap. Spokane Valley, WA. Flyer in PDF. (38K)
- July 19-21. Glacier Waterton International Peace Park 85th annual Hamfest. This is an ARRL sanctioned event. (Always the third weekend in July) Glacier Meadows Campground, 13 miles west of East Glacier on MT Hwy 2. <http://www.gwhamfest.org/>
- July 20. Chehalis Valley ARC 21st Annual Ham Radio Tailgate Swapmeet. Southwest Washington Fairgrounds, Chehalis, WA. Contact John Ellingson, K7OSK. k7osk@boatanchor.com . <http://www.cvars.org/> Flyer in PDF. (158K)
- July 12-14. QRP Salmoncon. Valley Camp, North Bend, WA. <https://sites.google.com/site/pnwqrpgrp/salmoncon>
- July 20. Coos County Radio Club annual Hamfest and Swapmeet. North Bend, OR. <http://www.coosradioclub.net/> (Always the third Saturday in July)

Pacific Northwest Division Events, Continued

- August. Rogue Valley ARC Swapmeet, Medford, OR. <http://w7dta.org/>
- August 9-11. 64th Annual Pacific Northwest DX Convention. Everett, WA. This is an ARRL sanctioned event. <http://pacificnwdxconvention.com/>
- August 18. Antique Radio Swap Meet. Puget Sound Antique Radio Association. Shoreline Community College, 16101 Greenwood Avenue North, Shoreline, WA 98155. <http://www.pugetsoundantiqueradio.com/index> (Always the 3rd Sunday in August)
- September. Hamfest 2019. Gallatin Ham Radio Club. Bozeman MT. <http://gallatinhamradio.com/>
- September. Anchorage Amateur Radio Club Hamfest. <https://k17aa.net/>
- September 6-8. 20th Northwest APRS/Digital Summer Gathering. Valley Camp, North Bend, WA. <https://wa7vc.org/summergathering/2019>
- September 28. Washington State Convention (Spokane Hamfest), Spokane Valley, WA. (Always the 4th Saturday in September)
- October 11. Pacific Northwest VHF Society Conference. Issaquah, WA. This is an ARRL sanctioned event. <http://www.pnwhfs.org/conference/2019/announcement.html>
- October 12. Kitsap County ARC Hamfest. Bremerton, WA. This is an ARRL sanctioned event. hamfest@kcarc.org <http://www.kcarc.org/>
- October 19. Swap-Tober-Fest. Mid-Valley ARES. Polk County Fairgrounds, Rickreall, OR. www.swaptoberfest.net

This Month's Programs

1. Contesting

- **Program:** An abstract of the program is not available at the current time.
- **Biography:** Tim Duffy, K3LR— Tim has been an active amateur radio operator for 47 years.
 - He has hosted 132 different operators from around the world as part of the K3LR Multi-Multi DX radio sport contest efforts since 1992.
 - He was the ARRL Atlantic Division Technical Achievement award winner in 1998.
 - Tim was moderator of the Dayton Contest Forum for 10 years and has been moderator of the Hamvention Antenna forum for 34 years.
 - He is a founding member and current President of the North Coast Contesters.
 - K3LR serves as chairman of Contest University (13 years), the Dayton Contest Dinner (27 years), chairman of the Top Band Dinner – as well as coordinator of the Contest Super Suite (34 years) in Dayton during the yearly Hamvention.
 - He is founder and moderator of the popular RFI Reflector (RFI@contesting.com) since 1999.
 - He has been a guest on Ham Nation many times.
 - Tim was a member of Team USA at the World Radio Team Championship – five times, most recently in Germany during WRTC2018 with Sandy, DL1QQ.
 - Tim serves on the board of directors of the World Wide Radio Operators Foundation (WWROF) as Chairman and is President Emeritus of the Radio Club of America (RCA).
 - Tim is President of the Mercer County Amateur Radio Club (W3LIF).
 - Tim was elected to the CQ Contest Hall of Fame in 2006.
 - He was honored with the prestigious Barry Goldwater Amateur Radio service award by the RCA in 2010.
 - K3LR was honored as Hamvention Amateur of the Year in 2015 by the Dayton Amateur Radio Association.
 - Tim is the Chief Operating Officer and General Manager at DX Engineering.
 - He is a graduate of the Pennsylvania State University.

May 2019

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

Events

Meetings

- **RVARC** Thursday, May 2nd — 7:00 PM, Medford Police Department Community Room
- **Rogue Hack Lab** Thursday May 9th — 6:30 PM, Medford Library
- **CARE** Tuesday, April 14th — 6:30 PM — New Far East Restaurant
- **JCARES** Wednesday, April 15th — 6:00 PM — Jackson County Sheriff's Office on Crater Lake Highway

Nets

- **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

For Sale / Wanted

Be sure to visit our club's Sell / Swap webpage for more items.

<http://w7dta.org/sellswap/>

2019 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 2019: Apr 27 Jul 27 Oct 26

(note these dates are tentative until confirmed by FD#5)

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. Walk-ins welcome.

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

Dates 2019: May 17th Aug 16th Nov 15th

Contact: John Stubbe, K7VSU, email: 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

Thursday May 2, 2019, 7:00 PM

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

Program: Tim Duffy K3LR—Contesting