



The Repeater

Next Club Meeting

Thursday June 6, 2019,
7:00 PM

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

Program: DMR Radio

Volume 2019, Issue 6

June 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
 Club Web Page:

johnlac7s@gmail.com
kd7ehb@yahoo.com
eaglepoint.or@juno.com
john@kf7umk.com
n5eg@tapr.org
<http://w7dta.org>

President
 Vice President
 Treasurer
 Secretary
 Newsletter & Membership

President's Report

Fellow members,

Since this will be the last newsletter before Field Day and the summer hiatus, I'm going to focus on some related news and of course,... Field Day!

Field Day is a big whoopdido for many clubs nation wide. Like many including RVARC, it is the big event of the year's club calendar and last year, the statics of participation was by the ARRL's count over 35k people and their clubs. So what is Field Day? Well here's some propaganda from the ARRL. Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

I think that covers it quite nicely. It's really

(Continued on page 2)

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

2019-05-02 RVARC Meeting Minutes

Meeting opened and speaker introduced by Tom, N5EG, at 7:03pm. Attendance was about 30 people.

The presentation followed, via Skype, by Tim Duffy, K3LR, a 47 year ham, and CEO of DX Engineering. Title: Contesting

Points raised were:

- 1) Who enters a contest? Mainly three types: casual, feisty, and committed contesters.
- 2) What are the benefits of contesting? Fun, improving operator skills, good use of ham spectrum, preparation for emergencies.
- 3) You don't have to have a 'contest station'.
- 4) How to win: work lots of stations, use as many multipliers as possible, work smart: don't waste words or time, know when to 'run' or 'search & pounce', know when to

(Continued on page 2)

Club Notes

(Continued from page 1)

about what we,.....our club, and our sister club CARE make it to be. It's about members stepping up to a commitment and participation in planning, executing and trying for a better experience for all who come to enjoy the fun of Field Day. I hope, even if it's just a hour or two or from setup to teardown that I see a effort of all members of the club help out in some manner to make this Field Day the best ever! Planning session at the next meeting, please plan on attending.

Now for the " rest of the news". We, or shall I say, the small group of contesters that exist both clubs had a blast using Agate Lake again for the club sponsored go of operating single county multi multi category in the 7th Area QSO Party contest or 7QP for short. This is a report of our activities. Operators, NA7OM, K7GT KF7IBN AG7GP N7CGD W6ROX KI7ONN KD7MPA Contacts, 523 with 91 multipliers. Points score, 76152 (See pictures later in this newsletter).

Total expenses, \$117.50 (Fuel and meals) Thanks for all the effort by everyone. The weather was great, the space weather was not. SFI was at 64 with a high A and K index. Mid day Saturday a solar flare hit making propagation short and unpredictable and noise levels difficult. What was impressive that the group soldiered on until the 17th hour of the contest. Most soapbox comments from other groups and individuals in the contest suffered the same conditions with Q counts being lower than last year. The fine lunch, cold drinks and fried chicken dinner made up for the crew's hard efforts. Well done and,..... there's next year.

Submitted by Scott,NA7OM

Secretary's Report

(Continued from page 1)

take a break.

5) Efficient technique: compress replies.

6) Types of contest: SSB, CW, RTTY, DX, National, Specialty.

7) Categories: Single Op, QRP, Low-power, High-power, Single band or mode, Multi-Op Single- or Multi- transmitter.

8) Duration: Mostly Weekends, 4 hour to 48 hour length.

9) Resources:

WA7BNM has a contest calendar website.

ARRL contest update newsletter

contesting.com

ncjweb.com

10) What is required: radio and antenna, logging system.

11) Interfaces to radio: serial, USB, or Parallel for logging automation.

12) Reports can be sent in by USPS, email, web apps, or unofficially at 3830.com

13) What you win: Plaques, trophies, certificates or goodies.

14) Where to find local help: North Coast Contesters

Presentation ended at 7:21pm, and it was time for questions.

How do you get the kids to get involved?

Tim said young ham Violetta and 5 other kids made over 3000 contacts. See K3LR.com and click the Youth button for more info on that group of kids.

How did you start at DX Engineering?

Tim was Sr. VP at AT&T when Paul Sergi, N08D, asked him to run DXE. Tim got sales up 4x and DXE had top growth.

Race Cars?

Summit Racing owns DX Engineering.

Do you do DXpeditions?

K3LR takes most of Tim's time, but he operates VP2V in the British Virgin Islands when there.

(Continued on page 3)

Secretary's Report

(Continued from page 2)

What about K3LR?

It has an 11 op station with 13 towers.
See k3lr.com for details.

Q&A ended at 7:31pm, with thanks to Tim for a great presentation.

Q&A ended at 7:31pm, starting a break for visiting and snacks.

8: 03pm Acting President Scott Cummings, NA7OM, opened the business portion of the meeting.

President John Laybourne's (AC7S) request to resign was rejected due to his importance to the club and he was authorized a temporary leave of absence.

The need for club funds for the 7QP contest, covering food and gasoline, was expected to be less than the \$150 threshold requiring a vote.

Tom, N5EG, remarked that the club website was back online, restored from an 18 month old backup, so some newer data is lost. Comments are turned off and the for-sale section is off. Apparently, the club Word-press page was the victim of an SQL-injection or buffer overflow attack via a comment (which we were supposed to be patched against), 2 days later the entire host had much bigger problems due to a cryptolocker (so they were busy with their big customers). The backups were changed to be off-site from the webhost.

Don Bennett, KG7BP, had results from the last Quarterly Test Session and five new Generals were issued, and one Extra. Darryl Barker, N7CZX, got his Extra. Go Darryl!

The upcoming 7QP contest will be held at Agate Lake, and setup is scheduled for Noon on Friday. Raoul, KG6DKA, mentioned

that an RC Club event at the same location would have a food truck, which could be helpful to hungry radio contesters.

Tom, N5EG, said he would put up a 7QP map on the club website, W7DTA.ORG. It was mentioned that the Club Secretary takes over the Treasurer's duties while he is out with the flu. One of our visitors, Erika Wilson, AG7UL, won a years free club membership for getting her Extra with her first test. Way to go, Erika!

The meeting was adjourned at 8:19pm.

John Armstrong, KF7UMK

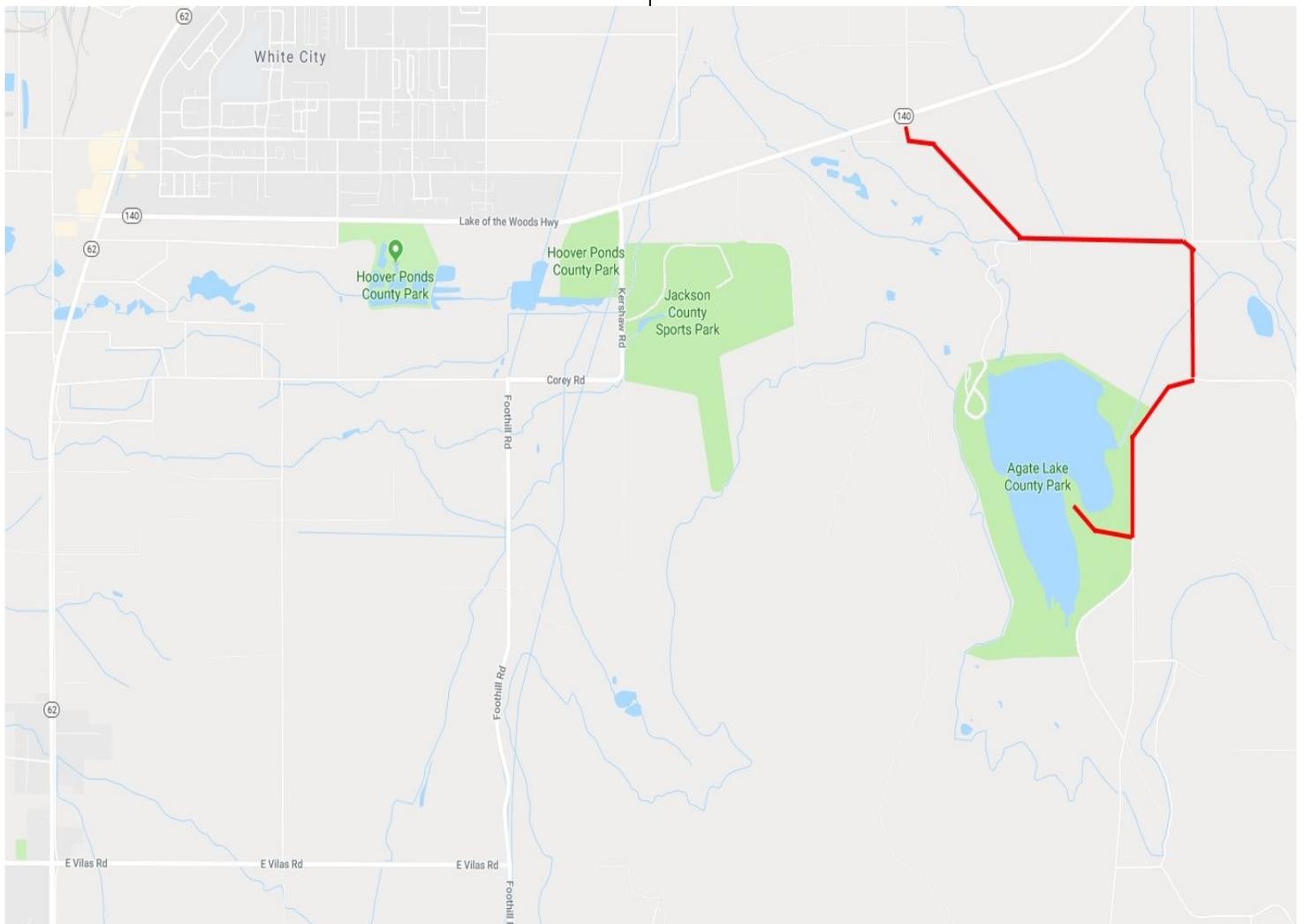
Field Day 2019

Field Day will be held in the same location as the club 7QP effort in May. Thanks to Scott Cummings for significant time and effort to arrange the site for both efforts.

CARE will be joining us again this year. The Field Day location will be on the east side of Agate Lake Part on the peninsula. That side of the lake is reachable at all hours and has restroom facilities.

See map below.

- Exit Highway 140 at Riley Rd., head south.
- Turn east then south east then east again on Antelope Rd.
- Turn south at the intersection of Meridian Rd. (remains Antelope Rd.).
- Turn West at Dry Creek Rd.
- The Park Entrance is on the west side of Dry Creek Rd.



7QP 2019 Wrap Up



RVARC Team Earns CQP 2018 Plaque

No doubt that it's common knowledge among the club that some RVARC members have been pretty steady in dropping down across the California border like Viking raiders and pillaging county records in the California QSO Party each year. Heck, if you need proof, just look on the home webpage <http://www.cqp.org/> and see Mike, WB6FFC, John, AC7S (ex-W8WOM, Amy, AG7GP and NA7OM's mug shot.

Not the first time your follow club members have made front page photos in the biggest and oldest state QSO party now going on the 54th running. And what makes it sweet is, we're from Oregon! Doing that and holding the Del Norte, Shasta and Siskiyou all time first place county records and consistent 1st place and darn close to it in the County Expedition Multi Multi category is a big deal, hard work and this year the Northern California Contest Club has recognized our yearly efforts. Thanks NCCC for the spotlight!

Scott, NA7OM



This Month's Program

1. DMR Digital Mobile Radio

- **Program:** DMR (Digital Mobile Radio), is an open digital radio standard. DMR radios are capable of two transmissions on a single frequency (Slot 1 & Slot 2), and include features like text messaging and paging/alerting. They are very popular among hams because many (especially handheld) radios are available quite inexpensively. There is a large network of DMR radios developing around the world, and inexpensive hotspots can be purchased readily. Pat will talk about DMR, and demonstrate a hotspot.
- **Biography:** Pat Cunningham, KD7MPA lives in Medford, and is involved in computer software and platform design for InVisionApp. He is active in the Rogue Hack Lab, and the Rogue Valley microwave mesh network.

June 2019

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

Events

Meetings

- **RVARC** Thursday, June 6th — 7:00 PM, Medford Police Department Community Room
- **Rogue Hack Lab** Thursday June 13th — 6:30 PM, Medford Library
- **CARE** Tuesday, June 11th — 6:30 PM — New Far East Restaurant
- **JCARES** Wednesday, June 19th — 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

We have had to shut down our Sell / Swap webpage due to malicious attacks using postings and comments.

Please send any For Sale / Swap postings to the newsletter editor for posting in this newsletter.

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 June 6, 2019, 7:00 PM

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

Program: DMR Radio