



The Repeater

Next Club Meeting

Thursday March 7, 2019,
7:00 PM

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

Program: Radio Contesting

Volume 2019, Issue 3

March 2019

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President
 Vice President
 Treasurer
 Secretary
 Newsletter & Membership

President's Letter

Hello All, as I sit here looking out the window writing this, all I can see is that Old Man Winter is sticking around. We have a trace of snow here this morning. I hope that you all are enjoying some of the great contests that has been available on the contest calendar so far this year, there are still so many good ones to come.

As we close the first quarter of the club's calendar year, I hope that everyone is pleased with the presentations that we have had so far. We still have more good programs planned the remainder of this year and I hope young and old will enjoy.

(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

20190-02-07 RVARC Meeting Minutes

Meeting was called to order at 7:03pm by President John Laybourne. There were about 25 attendees, including 3 visitors.

The presentation got underway at 7:05pm, featuring a video teleconference by Michael Walker, VA3MW, of Flex Radio, discussing the features of their SDR-based transceivers, the 6000 series. They are a direct-conversion architecture using FPGA's capable of more than 10Gbits/sec I/O combined. (See Fig. 1 for a comparison of the current models, Figs 2 & 3 for some more detailed specs.)

The Flex6000 radios cover 160M-6M at 100 watts transmitting and receive from 30kHz to 54MHz or 77MHz depending on model. There can be from 2 to 8 separate receiver 'slices' usable simultaneously. Using their SmartSDR software for Windows or iOS, or

(Continued on page 2)

President's Letter

(Continued from page 1)

Remember, if anyone would like to make a short or long presentation to the club, just say the word and we can get you on the schedule.

At last months meeting we discussed a little about 7QP and Field Day in regards to locations for 2019. I want to thank those that came to me and made some good suggestions. Our Vice President is diligently looking at these suggestions and I believe is working with someone from the county.

As far as Field Day goes, if anyone in the club would like to start a committee in regards to this that would be great help. We will have more discussion on this at the March meeting.

On a personal note I want to take the time and thank everyone on the notes that you have sent me in regards to my wife. I have read them all to Karen and she also wants to send her thanks. It just shows that we may have our differences at times in the club but when someone needs our help we band together as a group and pitch in when needed, whether it is man power or just by saying a prayer or two, it all matters.

Thanks again, 73 and have fun.
W8WOM

Secretary's Report

(Continued from page 1)

DogParkSDR for MacOS, the radios can implement CAT functions, digital modes, and spectrum waterfall displays. Flex also has SmartLink software for direct remote control over the internet. Third-party utilities also abound, like SliceMaster from K1DBO, SmartSDR from K9DUR, FRStack from mkcmsoftware, SDRBridge from QRV, and also DxLab from dxlabsuite. Mike also mentioned some hardware accessories, like their Maestro remote console, transverters from DownEast Microwave(Q5 Signal), and an antenna switch from 4o3a. For more info, he can be emailed at michael@flexradio.com

End of Presentation, Break for visiting and snacks at 7:59pm

Resumed meeting at 8:32pm.

Our Treasurer, Mike, WB6FFC, was out of town on business, and will bring our financials up to date at next month's meeting.

The WPX RTTY contest is scheduled for the weekend of Feb. 9-10.

The ARRL DXCW contest will be Feb. 16-17, with the DX Phone contest following on Mar. 2-3.

7QP will be the weekend of May 5, and the question is where to have it this year. Agate Lake was mentioned as a possibility. Also, what category to be in this time?

Bill Martin, N7EU, of the CARE club spoke about collaboration with RVARC for Field Day this Summer. Again, there was discussion of the location.

The deadline for the group-buy for Ed Fong's antennas and accessories was postponed until Thursday, the 14th.

Don Bennett, KG7BP, mentioned the ongo-

(Continued on page 3)

Pacific Northwest Division Ham Events

Upcoming events for 2019:

(If your club has something special planned this year, let Mark or myself know and we'll publish it in the next ARRL Northwestern Division Newsletter!)

- Mar 9 Mike and Key Swap Meet, Puyallup, WA
- Mar 23 MicroHAM Digital Conference, Redmond, WA
- April 13-14 EmComm Communications Academy, Seattle, WA
- April 12-14 International DX Convention, Visalia, CA
- April 13 Yakima Amateur Radio Club Hamfest, Yakima, WA
- April 27 ARRL Idaho State Convention (still in the planning stages)
- May 11 SCARC Electronic Flea Market and Hamfest, Stanwood, WA
- May 17-19 ARRL National Convention, Dayton, OH
- May 31-June 2 ARRL NW Division Convention, SeaPac, Seaside, OR
- July 18-21 Glacier Waterton Hamfest, Essex, MT
- Aug 9-11 Pacific NW DX Convention, Everett, WA
- Sept 28 ARRL WA State Convention, Spokane, WA
- Oct 12 KCARC Hamfest, Bremerton, WA

From the ARRL Northwestern Division Newsletter

Secretary's Report

(Continued from page 2)

ing need for volunteer examiners for amateur license tests.

John, KF7UMK, said that there are some new nodes on our Rogue Valley 2.4GHz mesh network and roguemesh.org is the new website.

Allan, K7GT, made some SOTA contacts at RoxyAnn Peak recently on 20M & 40M, with a 15 watt battery-operated rig, both on CW and SSB.

Meeting adjourned at 8:58pm.

Respectfully submitted, John Armstrong, KF7UMK.

Editor's note: the figures did not rescale properly when resizing for the newsletter (they turned unreadably fuzzy). Here are links:

Figure 1 listing the Flex-6000 models and comparisons:

www.flexradio.com/comparison/

Figures 2 and 3 from pages in the Flex-6000 Hardware Reference Manual:

www.flexradio.com/downloads/flex-6000-hardware-reference-manual-pdf/?wpdmdl=3101

This Month's Programs

1. Radio Contesting—Moving to the next Level

- **Program:** John Laybourne, W8WOM will present on how to improve your contesting score. There are a lot of things one can do to increase both quantity of contacts and the number of multipliers.
- **Biography:** John is the RVARC club president. The picture shows John's recently renovated multi-op radio contest room.



March 2019

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 Club Meeting • ARES Net	8	9
10 • CP ERC Net	11 • CARE Net	12 • CARE Meeting	13 • 2M SSB Net	14 • Rogue Hack Lab • ARES Net	15	16
17 • CP ERC Net	18 • CARE Net	19 • 2M SSB Net	20 • JCARES Meeting • 2M SSB Net	21 • ARES Net • Sis-Q ARC Net	22	23
24 • CP ERC Net	25 • CARE Net	26 • 2M SSB Net	27 • 2M SSB Net	28 • ARES Net • Sis-Q ARC Net	29	30
31 • CP ERC Net						

Events

Meetings

- **RVARC** Thursday, March 7th — 7:00 PM, Medford Police Department Community Room
- **Rogue Hack Lab** Thursday March 10th — 6:30 PM, Medford Library
- **CARE** Tuesday, March 12th — 6:30 PM — New Far East Restaurant
- **JCARES** Wednesday, March 20th — 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: Jan 26 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: Feb 15th 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

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