



# The Repeater

## Next Club Meeting

Thursday January 4, 2018,  
7:00 PM

Red Cross Building,  
60 Hawthorne St., Medford, OR  
Across from Hawthorne Park

Program: High Speed Multi Media  
(HSMM) Ham Radio

Volume 2018, Issue 1

January 2018

|                |        |                |  |                         |
|----------------|--------|----------------|--|-------------------------|
| Allan Taylor   | K7GT   | (541) 855-2054 | <a href="mailto:k7qt@arrl.net">k7qt@arrl.net</a>                   | President               |
| John Laybourne | W8WOM  |                | <a href="mailto:w8wom@hotmail.com">w8wom@hotmail.com</a>           | Vice President          |
| Mike Bach      | WB6FFC | (541) 830-3346 | <a href="mailto:eaglepoint.or@juno.com">eaglepoint.or@juno.com</a> | Treasurer               |
| John Armstrong | KF7UMK | (541) 899-1917 | <a href="mailto:john@kf7umk.com">john@kf7umk.com</a>               | Secretary               |
| Tom McDermott  | N5EG   | (541) 734-4675 | <a href="mailto:n5eg@tapr.org">n5eg@tapr.org</a>                   | Newsletter & Membership |
| Club Web Page: |        |                | <a href="http://w7dta.org">http://w7dta.org</a>                    |                         |

## Club Notes

Allan will have a President's Letter next month. He is busy working on finding programs and researching topics. Allan would like to hear from you about what topics and programs you would find on most interest. Please email him directly (address in the block above).

I've found some local license exam schedules for 2018.

RVARC usually has 3 exams per year. The Date of the first one in 2018 has been published, and I'm trying to track down the other two.

The SOARC (Grants Pass) club has an-

*(Continued on page 2)*

## Secretary's Report

Our club held it's December meeting at the Red Cross building—a pot-luck dinner plus a fine program with a live demonstration of remote HF station operation by Darrell Barker N7CZX and Joe Clarke W3JVC.

The remote station could use either a PC or an actual Elecraft radio front panel.

Outgoing President Scott handed over the gavel and club brief case to our new President Allan.

There was no other business conducted during the festive (and tasty) meeting.

*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.

## Club Notes, Continued.

*(Continued from page 1)*

nounced all 4 dates during the year (last page).

As the dates come in for various clubs they will be updated on the W7DTA web page. Not all the local clubs submit their information to the ARRL for searchability via the web, so it sometimes requires manually tracking down the 6 or so clubs via their web page or email.

There's been a very busy crew of local hams experimenting with and using 2.4 GHz links in the Rogue Valley. These have been build with low cost Ubiquity radios that have been reprogrammed. John Armstrong (our club secretary) will talk about this at the January meeting.

Please get your 2018 dues to our new treasurer, Mike Bach during the club meetings. We've had a dozen or so already renew for 2018.

The attendance sign up sheet has pre-printed names for those who have paid their dues for the year—so if your name is not printed on the sheet then I don't have a record of your renewal.

Badges work the same way—the database that holds member renewals for 2018 is what also prints out the badges.

## Ham Radio Now Video Programs

Gary Pearce, KN4AQ produces a large number of excellent Youtube videos on various ham radio topics. He releases new ones on about a one or two week cadence.

He has recorded the ARRL/TAPR Digital Communications Conference for many years. Links to all of his videos (links to the Youtube content) are on his webpage:

<https://www.hamradionow.tv/home>

The last of the talks and sessions from the 2017 DCC have been completed within the last day or two and have been uploaded to youtube.

## This Month's Programs

### 1. High Speed Multi Media MESH Networks for Ham Use

- **Program:** - High Speed Multi Media (HSMM) networking involves the use of the 2.4 GHz amateur band to provide not only point-to-point high speed data links, but also the ability to mesh multiple radios into a network that is resistant against failures. It achieves this by automatically building network routes that can bypass failed radios or RF path outages.

John will talk about inexpensive radios and antennas, along with free software that you can use to build your own network node, and to join the existing network in the Rogue Valley.

- **Biography:** John Armstrong, KF7UMK is the club secretary for 201, and also a member and founder of the Rogue Hack Lab. He is involved in computer and networking related projects.

### Programs Planned for 2018 (subject to change):

- **February:** TBA
- **March:** TBA
- **April:** TBA
- **May:** TBA
- **June:** TBA
- **September:** TBA
- **October:** TBA
- **November:** TBA
- **December:** TBA

# January 2018

Sun                  Mon                  Tue                  Wed                  Thu                  Fri                  Sat

|                          |                            |                            |                        |                                      |    |                          |
|--------------------------|----------------------------|----------------------------|------------------------|--------------------------------------|----|--------------------------|
|                          | 1<br>• Straight Key Night* | 2                          | 3                      | 4<br>• <b>RVARC Club Meeting</b>     | 5  | 6<br>• ARRL RTTY Roundup |
| 7<br>• ARRL RTTY Roundup | 8                          | 9<br>• Cascade ARE Meeting | 10                     | 11<br>• Rogue Hack Lab<br>• ARES Net | 12 | 13                       |
| 14                       | 15                         | 16                         | 17<br>• JCARES Meeting | 18<br>• ARES Net                     | 19 | 20                       |
| 21                       | 22                         | 23                         | 24                     | 25<br>• ARES Net                     | 26 | 27                       |
| 28                       | 29                         | 30                         | 31                     |                                      |    |                          |

## Events

- The club meeting is Thursday, January 4th.
- Thursday January 11th — 6:30 PM Rogue Hack Lab, Medford Library
- Tuesday, January 9th — 6:30 PM Cascade ARE Meeting—New Far East Restaurant
- Wednesday, January 17th — 6:00 PM JCARES Meeting—Jackson County Sheriff's Office on Crater Lake Highway
- Thursdays 7:30 PM - ARES Net. **K7JAX Mt. Baldy Repeater 146.840 ( - ) [ PL 123.0 ]**
- Next Newsletter: February Issue.
- ARRL Straight Key Night (SKN), Monday January 1, 2018 0000Z to 2400Z (i.e. starts 4:00 PM PST Sunday night, December 31, 2017)
- ARRL RTTY Roundup, Saturday Jan 6 1800Z to Sunday Jan 7, 2018 2400Z

## 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 1058 Linda Ave.  
Ashland OR 97520

|                              |         |
|------------------------------|---------|
| Regular Member:              | \$20.00 |
| Senior Member (62 and over): | \$15.00 |
| Family Member:               | \$20.00 |
| Student Member:              | \$10.00 |

## For Sale / Wanted

Check out the RVARC club SellSwap webpage. You can post for-sale items, wanted items, browse for-sale and wanted items.

The page is moderated—anyone can post, but we require valid contact information (phone number or email) as part of the post.

<http://w7dta.org/sellswap>

## 2018 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 2017 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 2018:** Feb 24      TBD      TBD

**Contact:** Don Bennett, Email: [kg7bp@rfwarrior.com](mailto:kg7bp@rfwarrior.com) 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 2018:** Feb 16      May 18      Aug 17      Nov 16

**Contact:** John Stubbe, K7VSU, email: [jstubbe7@gmail.com](mailto: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 January 4, 2018, 7:00 PM**

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Across from Hawthorne Park**

**Program: Pot-Luck Dinner, Program: High Speed Multi Media (HSMM) Ham Radio**