



The Repeater

Next Club Meeting

Thursday March 4, 2021,
7:00 PM

Via Zoom.
Login sent via email or upon request.

Program: Smith Charts

Volume 2021, Issue 3

March 2021

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President
Vice President
Treasurer
Secretary
Newsletter & Membership

Club Notes

Our club will hold the March meeting via zoom. Credentials are available on the club reflector, and are also sent in the email with this newsletter. Feel free to pass along the zoom meeting details to anyone you know who may be interested, but please don't post them on the public internet.

The tag-team presentation on N1MM+ at the February meeting went very well. There was a lot of good Q&A, and folks stuck around late continuing the discussion.

This month will be a presentation on Smith Charts. The NanoVNA includes Smith Chart display, so if you have one you can put the lessons to immediate use.

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

2021-02-04 RVARC meeting minutes

7:00 pm meeting by zoom
17 remote attendees

Tonight's Program: Introduction to N1MM+

7:02pm Treasurer's report: paid \$50 state of Oregon corporation filing fee, deposited \$125 of checks. [Editor's note: the club's current balance is \$4950.84 as reported by our treasurer].

Discussion:

- Tom mentioned that the Mt. Baldy AR-EDN mesh node was down. Status is unknown.
- Pat mentioned that there is a second AR-EDN mesh network named CPMESH and some info can be found at w9pci.com
- John AC7S gave kudos to Amy AG7GP for getting the top spot for Siskiyou

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Club Notes

Secretary's Report

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County in the 2020 California QSO Party contest.

Main Presentation: Introduction to N1MM+

7:08 pm Intro & setup: Pat KD7MPA

7:23 pm phone mode: Tom N5EG

7:37 pm CW mode: Allan K7GT

7:48 pm discussion

7:50 pm RTTY: John AC7S

8:08 pm comments, questions, and discussion including Amy AG7GP, Tom N5EG, Pat KD7MPA, Allan K7GT, Lyle WB7VUF, John AC7S, among others.

8:49 pm adjourn

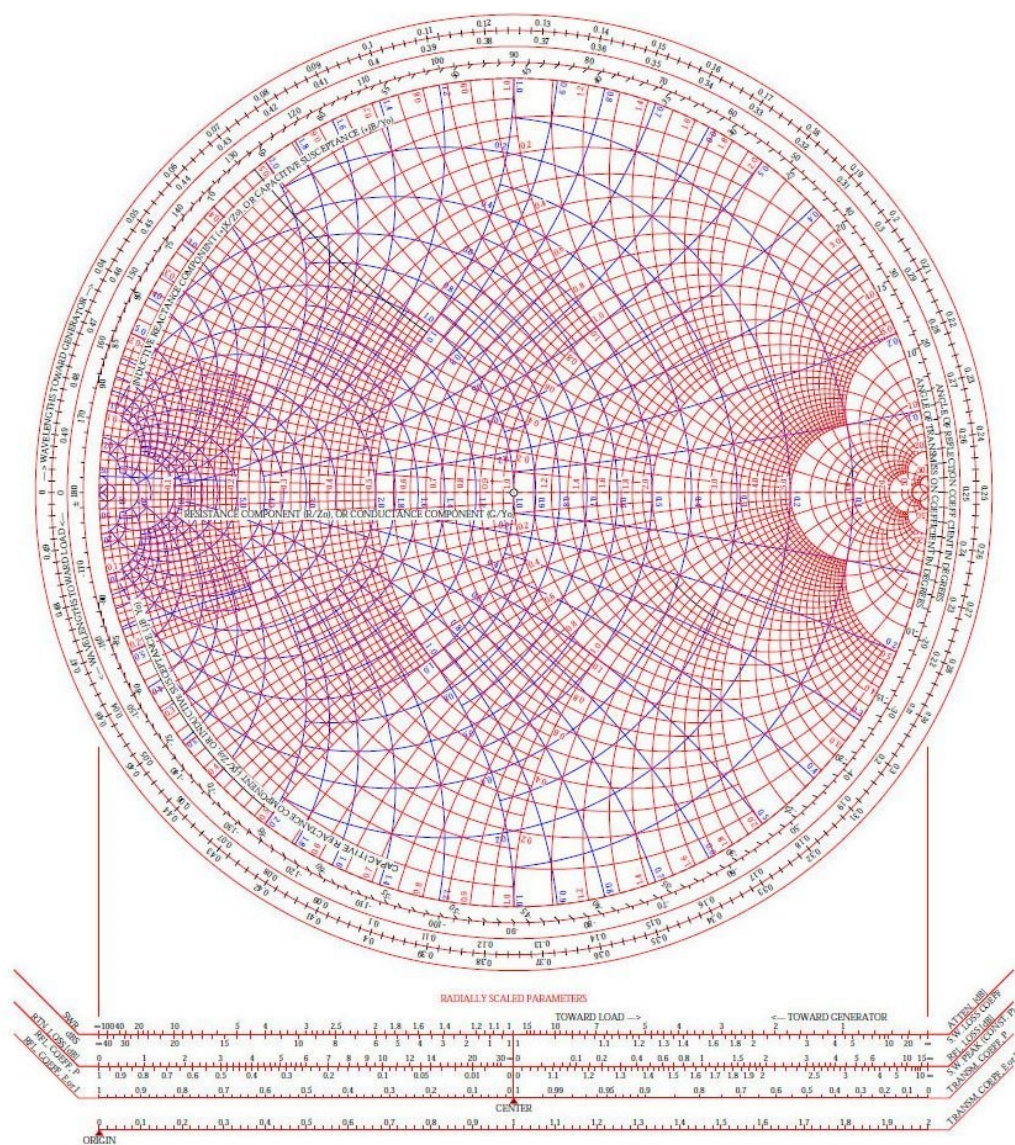
This Month's Program

1. Smith Charts

Program:

- The Smith Chart is a graphical tool to present complex impedance information for RF circuits. It allows graphical solutions for impedance matching networks, circuit bandwidth, and many other useful computations. Modern Vector Network Analyzers (for example, the Nano VNA) can usually display reflection measurements in both rectangular and Smith Chart (polar) formats. This makes understanding the Smith Chart very useful around the hamshack for common ham antenna and matching network problems.

Biography: Tom McDermott, N5EG is the club newsletter editor.



March 2021

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

Events

Meetings

- **RVARC** via Zoom.
- **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

2020 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 2021: **Suspended 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 2021: **May 21 Aug 20 Nov 19**

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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