



High-Country Static

February 2020

News and Information Concerning Amateur Radio in Northern Arizona and Beyond

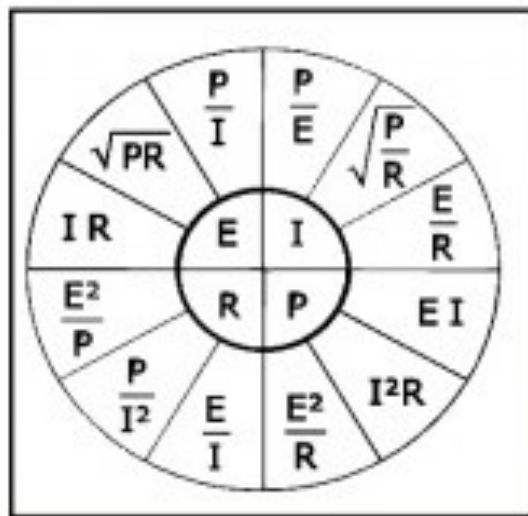
Welcome to the Coconino Amateur Radio Club (CARC) Monthly Newsletter. CARC is a non-profit club devoted to providing communication services to local volunteer agencies and events. Meetings are held the second Thursday of each month at the Eastside Sizzlers Restaurant, Highway 66 at Fanning Drive, Flagstaff, at 7:00 pm. All persons interested in amateur radio, whether licensed or not, are welcome to attend.

Coconino SkyWarn meets 1900 every Monday evening on the 146.98 repeater and at 1930 on the Navajo Mountain CACTUS repeater and 146.480 simplex.

Coconino ARES meets 1900 every Wednesday evening on the 146.98 repeater and at 1930 on the Navajo Mountain CACTUS repeater and 146.480.

OFFICERS:

President: Janice Enloe KI6WCK
Vice-president: Phil Brunner AE7OH
Treasurer: Ken KF7DUR
Secretary: Dan Sherer N7YIQ
PIO: Dan Sherer N7YIQ
Newsletter: Bobbi Brunner W6HQQ
VE Testing: Scott Martin KY7A
Training Officer: Glen Davis KG7YDJ
Mailing List: Gary Loving KG7ZXM
Web Page: Ron Gerlak KG7OH



E = voltage I = current
R = resistance P = power

MEETING AGENDA

FEBRUARY 13, 2020

Call to order

Introductions

President's Report - out of town - Yuma Hamfest

Vice President's Report – CocoRadio.Club secured - please report any errors

Secretary's Report – included in Newsletter

Treasurer's Report - Ken Held - out of town - As of 2/2/2020, we have \$3469.30 in our bank account. Activity since last month includes \$400.00 net income for dues, 50-50 and clothing. We currently have 41 paid members and 3 life members - total of 44.

Old Business – Continuing Business:

STEM Celebration Day at NAU Skydome - canceled, no one volunteered to organize event- deadline passed

50/50 Raffle

New Business:

Need organizer for Field Day 2020 - Gary is not available

Need organizer for Sacred Mtn Prayer Run - Dan not available

Constitution Amendments - Election date, prorated dues - Bobbi Brunner

Officer Nominations- President, Vice President, Secretary, Treasurer- 2 year terms

Event Calendar:

Review of event organizers

Training Opportunities: Glen

ARES Report – Joe- out of town

Adjourn—no later than 8:30

COCONINO AMATEUR RADIO CLUB SCHEDULE 2020

February

- 13 CARC Meeting – Officer Nominations- 2 year term

March

- 9 STEM Celebration Day at NAU Skydome 1730 to 1930- canceled
- 12 CARC Meeting – Officer Elections

April

- 9 CARC Meeting – Preparation for Public Service Events
- 18 Amateur Radio Examinations at North Country HealthCare

May

- 11-15 FEMA Binary Blackout Exercise
- 14 CARC Meeting – Field Day Planning
- 17 License exams at Overland Expo- Joe Hobart

June

- 6 Sacred Mountain Prayer Run
- 11 CARC Meeting—Field Day Planning
- 13 CARC Picnic
- 27-28 Field Day - Antenna installation Friday morning

July

- 4 Munds Park Parade- Ron Gerlak organizing
- 9 CARC Meeting
- 18 Amateur Radio License Exams at North Country HealthCare- Joe Hobart

August

- 1 Flag2GC Bike ride (formerly Toys for Tots) Andrew Gissel
- 8 Big Brothers/Big Sisters Run for the Magic
- 13 CARC Meeting –
- 23 Arizona Trail Marathon at North Rim

September

- 7 Williams 10K Labor Day Run
- 10 CARC Meeting
- 19-20 Flagstaff to Grand Canyon 100 Mile Stagecoach Run- Joe Hobart, Janice Enloe
- ?? Weather Forecast Office open house (Possibly early October)

October

- 8 CARC Meeting
- 10 Soulstice Mountain Trail Run
- 17 Amateur Radio License Exams at North Country HealthCare

November

- Army MARS Exercise
- 7 Girls on the Run—Bobbi & Phil Brunner organizing
- 12 CARC Meeting

December

- 4-5 SkyWarn Recognition Day at NWS Belmont
- 12 Christmas party

POTENTIAL TOPICS FOR SHORT PRESENTATIONS

Antennas

How to help with a public service or emergency event (what to expect)

Review of FCC regulations, especially third-party traffic.

Software Defined Radios (SDR)

Contest operating

Available repeaters

Educational projects (home experiments)

Computers and programs for communications

Mobile operations and installation

Portable operations

Current propagation conditions

Have club members describe their current interests, their capabilities, their equipment (especially antennas), etc. This may give new members ideas and possibly foster assistance/collaboration.

A round table discussion of antennas - what works, what did not work well, what to do differently, etc.

Next Business Meeting

Our next business meeting will be February 13, 2020 at the Eastside *Sizzlers* at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

THANK YOU AND HELP WANTED

Thank you to all who have run the Monday and Wednesday night nets:

Flagstaff: Erv KE7QFI, Glen KG7YDJ, Ron KG7OH, Bob KF4RKS

Page: Eric KG7UNI, Nancy K7WKS and Vince WB7UWW

If anyone would like to help with the nets, please let Glen know. It is good practice for radio skills and the script is written for you to use.

ARIZONA NEWSLETTER: <http://www.arrl.org>

Proposed changes to Section D of Article 2 of the Constitution.

Section D. NOMINATIONS AND ELECTIONS

Part 1. Nominations

Section a. Nominations for all offices will be taken from the floor at the **second-to-last** meeting of the calendar year.

Section b. Any member may nominate any other member, including himself or herself.

Part 2. Elections

Section a. Election for all offices shall occur at the last meeting of the calendar year.

Section b. Election of officers shall be only by written ballot, which shall include paper ballot and e-mail ballot.

Section b. Election of an officer requires a quorum of one-third (1/3) of the voting membership.

Proposed changes to Article V of the Constitution.

ARTICLE V. FISCAL YEAR AND ANNUAL DUES

Section A. The fiscal year shall be the same as the calendar year.

Section B. The annual dues for membership in the Club are payable **on January 1 of each fiscal year.**

Section C. The dues amount shall be established by a three-quarters (3/4) majority of the voting members present at any regular Club meeting.

Section D. A new member's dues will be prorated based on the following:

Section 1: A new member will pay the full amount of the dues during the first half, or six months, of the fiscal year.

Section 2: A new member who joins during the third quarter of the fiscal year shall pay the $\frac{1}{2}$ (one-half) the dues for the fiscal year.

Section 3: A new member who joins during the fourth quarter of the fiscal year shall pay the full amount of the dues for a fiscal year, applicable to the following entire fiscal year.

MEETING MINUTES

JANUARY 9, 2020

Meeting called to order at 1910 hours.

President's Report: CARC President, Janice Enloe, started the meeting with introductions of all members present. 9 – total. Snow has caused many to not attend. Thanks to all that have attended tonight.

Vice-President's Report: Phil Brunner had nothing to report.

Treasurer's Report: Janice gave the treasurer's report since Ken was out of state. We have a forward balance of 3065.71 + \$42 for the 50/50 drawing. Expenses at \$278.41 plus \$240 in dues payments for a balance of \$3069.30 currently in our bank account. 11 paid members and 3 life members – 14 total members currently. Scott Martin motioned to accept the report - 2nd Joe Hobart – No discussion - Passed unanimously.

Secretary's Report: The minutes were included in the newsletter and were sent to each member by email. Bobbi Brunner moved to accept the report, 2nd Scott Martin - No discussion - the motion passed unanimously.

Old Business: Janice brought up the club schedule for 2020 and requested that the membership look thru it and verify this is correct. Janice requested that she be notified if changes are required.

New Business: The Boy Scouts event for February 1 will now be a 1-day event for the club with stations/booths and not the 2/3 day event that was proposed in November. A plan to bring some handhelds, some radios, and some antennas to show and operate for the day.

Winter Field Day – January 25 – 26. Joe stated that this would be an individual event and everyone who could participate should do so.

STEM is coming up in March – Stay tuned as we will need staff for this.

Help is still needed for Field Day as we will need someone to take lead on this event.

Glen is scheduling 2 Technician classes for this year – Location will be North Country Healthcare location on 4th street.

MEETING MINUTES

JANUARY 9, 2020

(CONTINUED)

Kudos to Mark Christian for working the Skywarn event in Bellemont. He made 138 contacts including Japan.

The local CAP squadron is requesting our club provide a 1-hour communications presentation. It will be on Monday night from 1830 to 2000 hours. Janice, Joe, and Dan are handling this.

ARES – Joe reported that we had a lot of hours for the recent snowstorm and this was all sent to Dennis. Dennis Bietry (AZ ARES coordinator) is working on stuff with Joe.

Joe is reporting that 160 meters is a better band to work if possible at night, but it requires a very long wire antenna. 75/80 meters on short hops is not good currently and that stations need to be rather long distances at this time until propagation gets better.

New cell towers are now up and this will help in communications for the Stage Coach Run.

Sunspots are up as this is signaling the end of the solar low and a new solar cycle.

The ITU is moving and restricting the higher end of the Amateur spectrum. It's probable we will lose much of our microwave bands.

50/50 – Bobbi Brunner won the 50/50 drawing.

A motion to adjourn was proposed by Bobbi Brunner – 2nd Morgan Conklin – Passed unanimously.

Respectfully Submitted

Dan Shearer – N7YIQ
Secretary