



**Coconino Amateur Radio Club**

## **High-Country Static**

**October 2019**

### **News and Information Concerning Amateur Radio in Northern Arizona and Beyond**

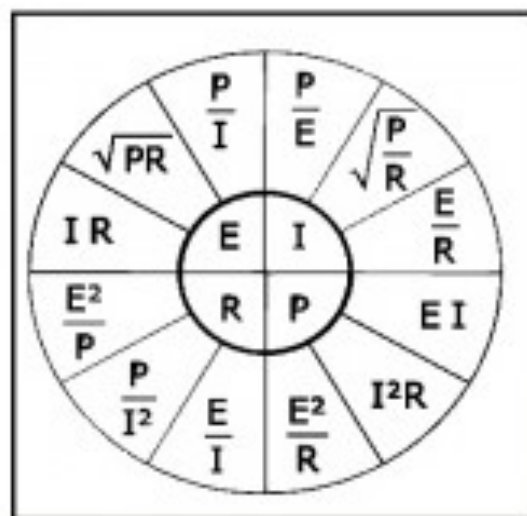
**Welcome to the Coconino Amateur Radio Club (CARC) Monthly Newsletter. CARC is a non-profit club devoted to providing communication services to local volunteer agencies and events. Meetings are held the second Thursday of each month at the Eastside Sizzlers Restaurant, Highway 66 at Fanning Drive, Flagstaff, 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:**

<b>President:</b>	<b>Janice Enloe KI6WCK</b>
<b>Vice-president:</b>	<b>Phil Brunner AE7OH</b>
<b>Treasurer:</b>	<b>Pat Traber KE7QFG</b>
<b>Secretary:</b>	<b>Erv Perelstein KE7QFI</b>
<b>PIO:</b>	<b>Dan Sherer N7YIQ</b>
<b>Newsletter:</b>	<b>Bobbi Brunner W6HQJ</b>
<b>VE Testing:</b>	<b>Scott Martin KY7A</b>
<b>Training Officer:</b>	<b>Glen Davis KG7YDJ</b>
<b>Mailing List:</b>	<b>Gary Loving KG7ZXM</b>
<b>Web Page:</b>	<b>Ron Gerlak KG7OH</b>



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

## **PRESIDENT'S MESSAGE**

Pat Traber, club treasurer, has decided to resign her position. Pat has been a central figure in the club for many years, keeping our financial accounts in good order, paying our bills, and helping with events as she has been able. I want to say a huge thank you to Pat for her years of dedication to CARC. Her shoes will be hard to fill.

# THANK YOU, PAT

Another club member, Erv Perelstein, club secretary, also must resign his position. Erv has been our secretary since before I became a member. He has faithfully taken notes of each meeting. He is involved in many aspects of HAM radio. Thank you to Erv for his many years of service to CARC. Another huge thank you to Erv. Who can fill his shoes? We are still looking for a club member to step up for secretary. This is a position, though, that requires a year-round commitment.

# THANK YOU, Erv

**Janice Enloe, President**



## **COCONINO RADIO CLUB REMAINING SCHEDULE FOR 2019**

### **September**

- 12      CARC Meeting**
- 21-22   Flagstaff to Grand Canyon 100 Mile Stagecoach Run**

### **October**

- 10      CARC Meeting**
- 12      Soulstice Mountain Trail Run**
- 19      Amateur Radio License Exams at North Country  
HealthCare**

### **November**

- 9?      Girls on the Run**
- 14      CARC Meeting**

### **December**

- 7      SkyWarn Recognition Day at NWS Belmont (UTC date)**
- 8      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 traf-  
fic.**

**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  
cap-abilities, 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 September 12, 2019 at  
the Eastside *Sizzlers* at the corner of Highway 66 and Fan-  
ning. 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: Ery 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.**



## **REMAINING LICENSING EXAMS 2019**

**October 19 at Northland Country HealthCare**

**Remember to bring your HAM license and a copy (if you are upgrading your license), a government issued picture ID, a black ink pen, calculator with memory erased and fifteen dollars (exact change is appreciated).**



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

## Minutes of the Coconino Amateur Radio Club

9/12/2019

Presentation: Mike Moroney and Joe Hobart talked about and demonstrated uses of magnetic loop antennas. They discussed how they work and their primary usefulness. Joe pointed out that most small loop antennas are not very efficient, usually less than 20%. It takes a rather large loop to increase the efficiency. Thanks to Joe and Mike for a very interesting presentation.

Business Meeting started at: 7:00 pm

CARC President, Janice Enloe, started the meeting with introduction of all members present.

Presidents Report: Janice introduced Mel Miller, a guest from the Red Cross who presented a talk on the details behind the Red Cross requirement for any volunteers who work in a Red Cross Shelter to have had a Red Cross background check. This topic came up recently during the Museum Fire when Disaster Management requested CARC get ready to assign a radio operator to each of the shelters they were planning on opening. It was pointed out by Red Cross personnel that these radio operators could not operate within the shelter without the background check. In Mel's discussion, he said that we could operate outside the shelter in a vehicle or they could designate a separate room within the facility to operate as alternatives to being inside the shelter that housed the Red Cross clients. We thanked Mel for taking the time to discuss this with our club members.

Vice-President's Report: Phil Brunner, our CARC Vice-President, had no report for tonight.

Secretary's Report: Since the August minutes were contained in the Newsletter, they were not read. Gary Loving moved to accept the report, Bobbi Brunner 2nd the motion which was passed unanimously.

Treasurer's Report: Pat Traber, our CARC Treasurer, was not present this evening. The financial report for tonight was presented by Janice. The ending balance in our checking account is \$2,772.78. Membership this year is 57 paid members and 3 life members for a total of 60 members. Dan Shearer moved and Bill Smith 2nd the motion to accept the Treasurer's report. The motion was passed unanimously.

Old Business: 1. Janice went directly to Old Business, starting with a discussion of the status of repairs to our new comm trailer by Kevin. Bill reported that Kevin completed his work and the trailer was returned to Bill. Bill recommended that the club send Kevin a thank you note for the excellent work he donated to fixing the trailer. Bill volunteered to write the note and Janice, as president, will sign it. There remains some work to complete the brake wiring that the club authorized spending for last month.

2. Joe asked again if anyone knows where the 5 segments of mast for the GOTA antenna might be. He still has not gotten them back. Anyone who knows where the segments are please contact Joe.

3. Ken Held reported that he ordered a 40 ft mast from DX Engineering that would be perfect to install on the new trailer. The cost was approved several months ago. The cost of this mast is less than approved. The mast comes in 7 ½ ft segments. The diameter at the bottom is 3 inches and the top is 1 ½ inches.

4. Janice reminded everyone that we need to elect a replacement for the CARC Secretary. Anyone interested please contact Janice.

5. Dan reported that the write-up of our successful comm support to the EOC during the Museum Fire that was reported in the ARRL Newsletter last month generated an article in the October issue of CQ Magazine. He urged members to find and read the article.

6. Bill told us that he couldn't be the coordinator for the Soulstice Run this year. Anyone interested please contact Janice, Phil or Bill.

50/50 Since Pat Traber, our CARC Treasurer, was not in attendance, we had no 50/50 this month.

New Business: Bill explained why the club needs to buy tower safety equipment, especially for the upcoming Stagecoach Run coming up near the end of the month. He recommended we purchase a harness, lanyard, and D-Rings. He will install an antenna on a tower for the Stagecoach Run and he said the wind at the tower location is very strong. It was pointed out that the safety equipment was also needed if we were required to climb our club 40'

tower as well. Ken moved and Joe 2nd a motion to spend under \$200 for the equipment. The motion passed unanimously.

#### Activity Updates:

1. Flagstaff to Grand Canyon Stagecoach Line 100 Mile Bike Race – Joe & Janice coordinating. Joe said most positions are filled but he would like 2-3 additional volunteers to double up at several of the longer watches, especially Watson. He said we will not track the shorter bike race. We will be using HF 75 meters to fill in where VHF lacks coverage and use a Cross Bank Repeater at the Fire Lookout Station.

2. Girls-On-The-Run coming up in November Glen coordinating said he had good coverage.

Training Opportunities: Glen told us the Technician Classes were going well and expect to finish up before the next Amateur Radio License exams on 10/19. Glen has updated the ARRL slides and has published a new syllabus/schedule. For next year he is planning 2 Technician Classes and one General Class, depending on availability of instructors.

ARES: Joe congratulated the club members on a record number of hours of Community Service for August, 695 hours on-the-air. He reminded us that ARRL uses these numbers for justifying keeping HAM frequencies which various companies would love to use for their projects.

Joe and Ron reminded us that Route 66- on-the-air will be active from 9/6 to 9/15 on HF.

Ron announced that HF will be set up using the Grand Canyon Desert View Watch Tower from 9/28-29 to celebrate their 100-year celebration. Their call sign will be W7G.

Mike Moroney reminded all that there will be a National Weather Service Open House at Camp Navajo on Saturday, 9/28, from 11:00 am to 4:00 pm. Everyone is invited.

Meeting Adjourned at: 8:00 pm. There being no other business, Ron Gerlak moved and Phil 2nd the motion to adjourn. The motion was passed unanimously.