



# High-Country Static

February 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 East side Sizzlers Restaurant Highway 66 at Fanning Dr. Flagstaff, at 7:00PM. 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: Bill Smith, KQ1S

Vice-President: Phil Brunner, AE7OH

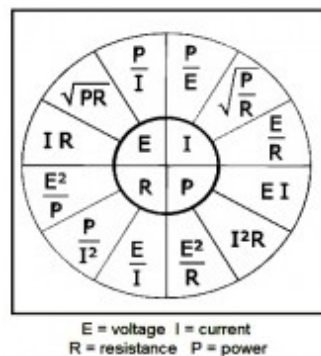
Secretary: Erv Perelstein, KE7QFI

Treasurer: Pat Traber, KE7QFG

PIO: Dan Shearer, N7YIQ

Newsletter: Janice Enloe, KI6WCK

Training Officer: Glen Davis, KG7YDJ



## Coconino Amateur Radio Club 2019 Schedule:

### January

10 CARC Meeting –

19 Amateur Radio License Examinations at North Country HealthCare

26-27 Reminder: Winter Field Day (<https://www.winterfieldday.com/>)

### February

2 Assist Yavapai ARES/RACES with Run Sedona

14 CARC Meeting –

### March

11 STEM Celebration Day at NAU Skydome 1730 to 1930

14 CARC Meeting –

## **April**

3 Hazmat Exercise east Flagstaff (Wildcat)  
11 Tabletop Exercise & Oak Creek Canyon  
11 CARC Meeting – Preparation for Public Service Events  
20 Amateur Radio Examinations at North Country HealthCare

## **May**

9 CARC Meeting – Field Day Planning  
17-19 Overland Expo: Demonstrations and Amateur Radio License Examinations  
At Fort Tuthill

## **June**

1 Sacred Mountain Prayer Run  
8 CARC Picnic ???  
13 CARC Meeting – Field Day Planning  
22-23 Field Day

## **July**

4 Munds Park Parade  
11 CARC Meeting –  
20 Amateur Radio License Exams at North Country HealthCare

## **August**

3 Toys for Tots/Fat Tire Bicycle Ride  
8 CARC Meeting –  
10 Big Brothers/Big Sisters Run for the Magic  
25 Arizona Trail Marathon at North Rim

## **September**

2 Williams 10K Labor Day Run  
12 CARC Meeting –  
21-22 Flagstaff to Grand Canyon 100 Mile Stagecoach Run  
?? Weather Forecast Office open house (Possibly October)

## **October**

10 CARC Meeting –  
12 Soulstice Mountain Trail Run  
19 Amateur Radio License Exams at North Country HealthCare  
25-27 MARS Exercise ???

## **November**

14 CARC Meeting –  
9? Girls on the Run

## **December**

7 SkyWarn Recognition Day at NWS Belmont (UTC date)  
8 Christmas party

Potential topics for short presentations at club meetings:

Antennas

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

Review of FCC regulations, especially third party traffic (Dan)

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.

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### **Next Business Meeting:**

Our next business meeting will be February 14 , 2019 at the East side Sizzlers at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

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### **From the President:**

Due to family illness, Bill was unable to add to the newsletter. We all wish you peace, Bill and Julie

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### **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

Page: Eric KG7UNI, Nancy K7WKS and Vince WB7UWW

If anyone one 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.

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### **Licensing Exams for 2019:**

April 20

July 20

October 19

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>

**Tutorials:** <http://www.arrl.org/tutoria>

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## **Minutes of the Coconino Amateur Radio Club**

1/10/2019

### **Pre-meeting Presentation:**

Bill Smith presented information about Digital Communications including: D Star, Digital Mobile Radio and Fusion. He demonstrated the use of D Star on two handheld radios and talked a little about DMR and Fusion. Bill offered to hold a class on Digital Radio if members are interested. It will be at NCHC maybe in March. Anyone interested should contact Bill.

### **Meeting started at:**

7:05 pm

**Secretary's Report:** Since November's minutes were contained in the January Newsletter, they were not read. Scott Martin moved to accept the minutes and Janice Enloe seconded the motion and the motion passed unanimously.

**Treasurer's Report:** Pat Traber, our CARC Treasurer, reported that the ending balance in our checking account is \$4,351.99. Membership for the new year is 10 paid members, 4 life members for a total of 14 members. She also reported that we took in \$1,000.00 from the sale of the donated equipment from Karl Isbrecht and \$600.00 from the AZ Trail Association.

**President's Report:** Bill Smith, our CARC President, started his report with introduction of all members present. Bill told us that the Williams Group was having a meeting tomorrow evening and that anyone interested was welcome to attend. He suggested we move directly to Old Business after the Vice President's Report.

**Vice President's Report:** No Report this Month.

**Old Business:** Bill said that we had no updated status on the CARC Communications Trailer. Bill could not reach Kevin by phone and he was not at the meeting. He deferred the status report until the February meeting.

Bill asked if all members present had reviewed the Proposed Calendar of Events for 2019 that was published in the January Newsletter. All members present said they were ready to vote on the Calendar. Janice moved and Dawnelle Shehan seconded a motion to accept the Proposed Calendar of Events, which passed unanimously

Dawnelle discussed the Grand Canyon workers who are hurting due to the Gov't Shutdown and thanked all who donated food, (non-perishable because most don't have refrigerators) or money. She will be making additional deliveries during the next weeks so anyone who would like to donate, please get in touch with Dawnelle.

Scott brought to our attention that some FRS Radios made in China, (and are available at Sam's), have the wrong frequencies. The Sam's radios brand name is RETIVA.

Bill told us that Bill Hagan is in a rehab hospital here in Flagstaff, recovering from a very bad back. Mary Lou told Bill Smith that Bill Hagan would like to talk to any visitors about radios, antennas, etc., to keep his HAM skills up. The rehab hospital is on Gemini near Buffalo Park.

## **Drawing won by Scott Martin**

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**New Business:** Bill and Joe Hobart discussed the upcoming Winter Field Day. They would like to put a Group together to enter. The event is for stations using alternative power. A discussion about the location for the Field Day included the Outdoor Market on Silver Saddle, Ft. Tuthill, Raymond Park and other City Parks (which are very expensive). Bill has Cabrillo formats for anyone interested. Anyone interested should contact Joe or Bill.

There will be a STEM event 3/11/2019 in the NAU Dome and CARC has been invited to participate. We are planning to set up one or two 2 meter packet stations to demonstrate.

Bill brought up the CARC license classes we have been holding. He was wondering if we would like to start General License classes along with the Tech Classes. Glen Davis told us he is planning to provide Technical as well as General Classes this year and if anyone was interested in either taking or teaching these classes, please contact Glen.

There will be a License Testing meeting on 1/19.2019 at the common room at NCHC starting at 9:00 am. Joe is the coordinator and he can use 1 more volunteer for VEs.

## **2019 Calendar of Events:**

1/26-27 Winter Field Day, Bill and Joe Coordinating

2/2 STEM Event at NAU Dome, Bill & Joe Coordinating.

2/13 Next CARC Meeting

**ARES Report:** A final word about the Grand Canyon Repeater was provided by Joe. He said that ARA removed the antenna and feed line and we are backing out of that project completely.

Joe thanked all members responsible for NCS on Skywarn and ARES nets on Monday /Wednesday nights at 7:00 pm. He would like to see additional members try NCS on these nets because it is good practice for communications during disasters. He reminded us that there are like nets at 7:30 pm on the Cactus System and they need NCS's also. They are UHF nets. Any members interested in info about the Cactus System, please contact Joe at [W7LUX@ARRL.NET](mailto:W7LUX@ARRL.NET).

Scott asked Joe what happened to the TOAD communications vehicle. It was in very bad condition the last time it was seen. All agreed that we did not want responsibility for the TOAD.

**Meeting adjourned at: 8:15 pm.** There being no other business, Pat moved and Dawnelle seconded a motion to adjourn. The motion was passed unanimously.

**Presentation:** No Presentation this month.