



Coconino Amateur Radio Club

High-Country Static

August 2019

News and Information Concerning Amateur Radio in Northern Arizona and Beyond

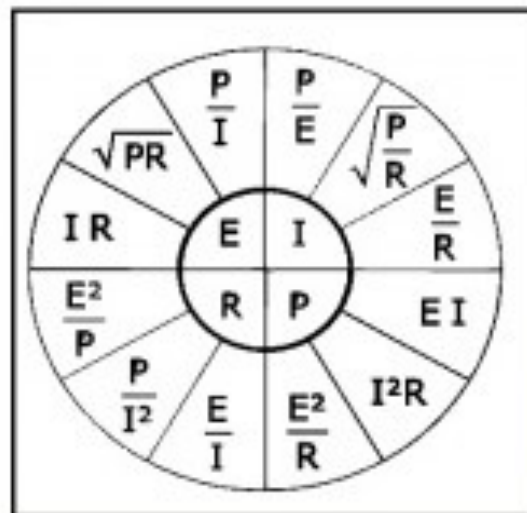
Welcome to the Coconino Amateur Radio Club (CARC) Monthly Newsletter. CARC is a non-profit club devoted to providing communication services to local volunteer agencies and events. Meetings are held the second Thursday of each month at the Eastside Sizzlers Restaurant, Highway 66 at Fanning Drive, Flagstaff,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

President:	Janice Enloe KI6WCK
Vice-president:	Phil Brunner AE7OH
Treasurer:	Pat Traber KE7QFG
Secretary:	Erv Perelstein KE7QFI
PIO:	Dan Sherer N7YIQ
Newsletter:	Bobbi Brunner W6HQJ
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

PRESIDENT'S MESSAGE

Here it is August already. Seems like the summer is flying by again. I was looking at my antennas and thinking about any changes I want to make before the first snowfall. Here are some things to consider:

The rocks are bad enough but digging through frozen dirt to add ground plain wires is not fun in the winter. Do I need to add some now? Do I want to add a tower or other structure? Winter is not the time to be climbing. Thick gloves and boots are not the best or safest, for climbing a tower.

The reason I say this, we have had several fatalities recently in the HAM community from tower installations/maintenance. One incident cost 3 people their lives because a less than adequate bolt was used and it broke, sending the unit and the people in it to the ground. Safety must be the top priority with tower installation and maintenance.

On a lighter note:

We have finished the Flagstaff2GC bike ride. Thank you to Andrew for all his work in coordinating our volunteers to staff the event. Each year is different with its own issues and challenges. Just think of it as herding cats or guppies—the riders are the most challenging component.

Next Saturday is the Big Brother/Big Sister Half Marathon. If you have not volunteered, and wish to, please contact Gary Loving. We can always use additional help. If you are new to event staffing, you will be placed with an experienced HAM so you can see how we do these things. Please join us. It is a great way to learn about HAM radio and fellow club member.

We also have the Stagecoach100 coming up in September. Please see Joe, W7LUX or myself for details. We could use additional help with this project.

All for now,

Janice Enloe, KI6WCK



COCONINO RADIO CLUB REMAINING SCHEDULE FOR 2019

August

- 8 CARC Meeting – East Side Sizzler at 7:00pm**
- 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**

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

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 August 8, 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>

CARC MEETING MINUTES

7/11/19

Meeting started at: 7:00 pm

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

Secretary's Report:

Since the June minutes were contained in the Newsletter, they were not read.

Treasurer's Report:

Pat Traber, our CARC Treasurer, presented the financial report for tonight. The ending balance in our checking account is \$3,011.57. Membership for the new year is 54 paid members and 3 life members for a total of 57 members. Julie Smith moved and Erv Perelstein 2nd the motion to accept Secretary and Treasure reports. The motion was passed unanimously.

Presidents Report:

Janice started the discussion on reviewing our CARC Communications Equipment with the thought of deciding whether to keep/donate/or junk all the items we now possess. Bill Smith made a motion that the club undertake this task. Ken Held seconded the motion which passed unanimously.

Janice asked for the status of the new CARC Comm. Trailer. Kevin, who volunteered to do some welding on the trailer, was not available for comment. Bill said he would contact Kevin tomorrow and report back with a report.

Joe Hobart reported that one section of our HF tower is bent. Ken recommended that we buy a new section rather than try to fix the existing section, as the safest solution. Ken volunteered to research a solution. Joe moved and Bill seconded a motion to approve spending up to \$500 for a new section. The motion passed unanimously.

Janice reported that the Munds Park July 4th Parade was a very good parade. No one was hurt and all seemed to enjoy the festivities.

Janice asked the club to join her in giving a Big Thanks to Gary and Mark Loving and Ron Gerlack for the excellent team work on the 2019 Field Day. Things went very smoothly because of their hard work in planning. It was suggested that CARC should become more active with the youth organizations like the Boy Scouts and Girl Scouts next year prior to the 2020 Field Day and try to generate more participation from those organizations.

CARC MEETING MINUTES (continued)

Joe told us that the club's concern over a more active digital station causing interference to the SSB stations did not happen. The SSB (DX Operators) and CW (Paul) stations reported no interference with their activity at all. The digital station made a large number of contacts this year, mostly on FT-8. He said that FT-8 is being replaced by FT-4 which could increase the contacts by a factor of 2.

It was agreed by all FD participants that Ft Tuthill was an excellent selection for a location and that we should try again next year for that location.

Vice President's Report:

Phil Brunner, our CARC Vice President, had no report.

50/50 Drawing won by Julie Smith who donated the winnings to the club.

Old Business

Upcoming Activities:

Flag to Grand Canyon Bike Ride – Andrew WA7DPS and Jacob KI7NWS coordinating still need volunteers. Flag to GC Stagecoach Line 100 Mile Mountain Bike race – Joe/Janice coordinating. Joe reported to the race coordinator, Ian, that we don't have enough volunteers to service the additional race. It was suggested that the race organizers find additional volunteers and use the FRS radios to communicate.

Big Brothers/Big Sisters Run on 10 August- Gary and Mark Loving coordinating. Preparations continue.

Amateur Radio License Exams- on 7/20 at NCHC starting at 9:00 am. Joe has 4 VE's but may need more.

ARES Report:

Joe once again reminded all that in order to volunteer during exercises at the Alt EOC, we need to have completed the ICS 100/200/700/800 free classes on line. ARRL has announced that some of their Emergency Communications courses are now offered at no cost.

Joe reported that the VHF link from Mt Elden to the Navajo Repeater is now working and was used during the Utah Group Hospital Exercise. This will allow us to keep good relationships with the HAM group in Utah.

Joe reminded us that there are Digital Nets in Oregon and California that we can access to practice our Digital Communications.

Meeting adjourned at: 8:10 pm. There being no other business, Ken moved and Jacob 2nd the motion to adjourn. The motion was passed unanimously.