



Coconino Amateur Radio Club

www.cocoradio.club

High-Country Static

November 2018

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

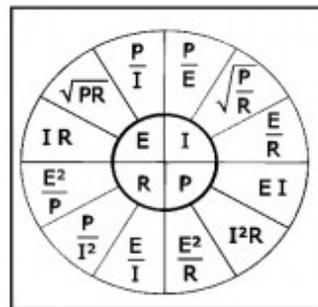
Vice-President: Phil Brunner, AE7OH

Secretary: Erv Perelstein, KE7QFI

Treasurer: Pat Traber, KE7QFG

PIO: Dan Shearer, N7YIQ

Newsletter: Janice Enloe, KI6WCK



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

Calendar of Events for 2018:

November

MARS Comex

8 CARC Meeting -

10 Girls on the Run

December

1 SkyWarn Recognition Day at NWS Belmont (UTC date)

9 Christmas party

Coconino Amateur Radio Club TENTATIVE 2019 Schedule:

January

- 10 CARC Meeting –
- 19 Amateur Radio 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

- 4 STEM Celebration Day at NAU Skydome 1730 to 1900 ???
- 14 CARC Meeting –

April

- 3 Hazmat Exercise near Twin Arrows
- 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
- 6 National Night Out
- 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

Next Business Meeting:

Our next business meeting will be November 8, 2018 at the East side Sizzlers at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

From the President:

It's here – election day! Today is the day we head to the polling places to perform our civic duty and exercise our right to vote for the candidates and issues set before us. It is important that we all engage in our communities, whether local or national, in order to preserve the American ideals of life, liberty, and the pursuit of happiness.

Speaking of the pursuit of happiness, have you had a chance to get on the bands lately? If not, try to make a few minutes available this coming month to get on the air using one of the many modes and frequency bands available to us as Ham operators. Like voting, we need to exercise our privilege to use the frequencies allotted to us, or risk losing them to other interested parties. Want to get on but not sure how to get started? Ask another, more experienced Ham to help you out.

On another topic, we are heading into the holiday season. Julie and I want to wish you all a very happy Thanksgiving and hope to see everyone at this year's club Christmas party. Stay warm!

73, Bill – KQ1S

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.

Licensing Exams for 2018:

There are no more regularly scheduled licensing exams in 2018. If you are interested in testing before the next exam session in 2019, please let Joe Hobart, W7LUX, know. Testing by appointment is available to you. Email Joe at W7LUX@ARRL.net to arrange for a test date. Testing is dependent upon having 3 VE's to administer the exam.

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>

Minutes of the Coconino Amateur Radio Club

10/11/2018

Meeting Started: 7:00 pm

Secretary's Report: Since the minutes of the Sep meeting were published in the newsletter, there was no need to read them. Pat Traber made a correction to the Aug minutes which said the monthly bill for the new CARC Trailer would be \$79.80 per month but should have been per year cost. The correction was made in the Aug minutes. Mary Lou Hagan made a motion to accept the minutes and Pat Traber seconded the motion. The minutes were approved unanimously.

Treasurer's Report: Pat Traber, our CARC Treasurer, reported that the closing bank balance is \$3,173.85. Membership is 61 members, consisting of 57 paid members and 4 lifetime members. Mary Lou made a motion the accept the report and Erv Perelstein seconded the motion. The report was approved unanimously

President's Report: Bill Smith, our new CARC President, opened the business meeting with an introduction of all members. Bill reminded us that winter was coming with: cold, storms, and snow. He urged us to be ready, collect or check winter gear now, check generators monthly for about 30 minutes. Bill then opened discussion on old business.

Vice-President's Report: There was no vice-president report this month.

Old Business: Bill thanked the National Weather Service and Mike Moroney for hosting an open house at Camp Navajo on 9/29, Saturday. Several CARC members attended and enjoyed the time and briefings there.

The review of the Stagecoach Race, by Bill who coordinated the event, was good, except for negative feedback concerning the Cactus repeater. All other communications worked well.

Bill discussed CARC Presentations at our monthly meetings. He requested that members let him know what subjects they would like and he would try to find someone to make the presentation.

50/50 Raffle: Glen Davis won the raffle.

New Business: Ken Held suggested that the new CARC Trailer needed a generator and a CO detector. He said that a new CO detector was about \$20.00 and a new generator, (a Honda 2000), was about \$1,000.00. It was suggested that a ceramic heater be added. Ken moved that CARC approve the expenditure and Gary Loving seconded the motion. The motion passed unanimously. Bill volunteered to buy the equipment. Janice Enloe volunteered to put together a First Aid Kit for the trailer and will add glucose tablets and other over the counter medications.

Bill introduced several new members at the meeting and we all welcomed them to the club.

Joe Hobart offered to hold an antenna roundtable discussion which will be presented about ½ hour before the business meeting starts.

Bill next called our attention to the display of HAM Radio equipment at the front of the room. This equipment was donated by Karl Isbrecht, WA7HUR, to CARC . Bill asked for suggestions on how to handle this equipment. Joe suggested that we keep some of the radios to loan to newly licensed members but reminded us that keeping too much could be a logistics problem with storage, maintenance, etc. Bill suggested we put some of the equipment up for bid like we did for the tower he donated last year. Ron Gerlak made a motion to raffle off some of the small items after the meeting. Mary Lou seconded that motion and it passed unanimously.

Ron suggested we join Arizona Repeater Association, which costs about \$10 per year, since we depend so much on the ARA repeaters for our VHF work with races and exercises.

Upcoming Races/Exercises:

Oct 13th - Soulstice Mountain Trail Run - Bill is organizing.

Oct 20th – VE License Exams at North Country Health Clinic starting at 9:00 am – Joe coordinating.

Nov 10th - Girls-on-the-Run - Glen is organizing and needs about 3 volunteers.

Dec 1st – Skywarn Recognition Day at National Weather Service, Camp Navajo-Mike Clever coordinating.

Dec 9th - CARC Christmas Party at Janice's house again this year. Thank, you Janice!

Jan 10 CARC Meeting, 7:00 pm, Sizzler East.

Jan 28-29 Winter Field Day – Tom Shehan coordinating, for more info,
<http://www.arrl.org/news/winter-field-day-is-just-ahead>

Feb 14 CARC Meeting, 7:00 pm, Sizzler East.

ARES Report– Joe

Joe thanked Ron and Ken for the many hours they devoted to ARES on-air support.

There will be a Table Top Exercise for full scale hazard material coming soon near Twin Arrows. They will be simulating a Chlorine Gas event. Joe asked if any members would like to attend, please let him know.

Joe reminded the members that to work an exercise in the Emergency Operations Center, it is required that you take FEMA Courses 100, 200, 700, and 800.

There being no further business, Betty Gerlak made and Mary Lou seconded a motion to adjourn.
Passed Unanimously.

Meeting Ended: 8:15 p.m.

ARES Report: Joe, W7LUX

From the Arizona RACES nets, summary of an emergency deployment:

Mark, KI7RB, flew from Phoenix to Tallahassee, Florida to assist with Red Cross relief operations after Hurricane Michael. Mark helped provide amateur radio communications with shelters and kitchens set up after the hurricane.

Important points:

For 4 days and nights, 75 meter SSB worked well as THE primary communications

A state wide 70 cm linked repeater system was also used when available

Radios at shelters and kitchens were powered by portable generators

Traffic was all by voice; no digital modes were used; no NTS or ICS forms were used

Mark worked 12 to 14 hours a day and slept on a cot in a shelter with 300+ "good friends"

In addition to amateur radio, Mark helped with Red Cross computers and other communications

Coconino ARES members might encounter similar conditions if there were a significant disaster in our county or northern Arizona. Sunday afternoon there was a small earthquake near Lake Mary.

News from Munds Park

By Ken, KF7DUR

I've been working on a few projects lately:

I put together a Motorola Quantar repeater to replace the CARC Yaesu Fusion repeater. The Quantar can run 125W continuous duty and has an excellent receiver. It's running at 40W now and the power may be increased in the future.

I added a high gain 2m Yagi antenna, aimed North, for the 2m repeater.

Repeaters

Top) Motorola Quantar 2m 145.170MHz,67.0Hz
Middle) ICOM FR400070cm 440.400Mhz,67.0Hz
Bottom) Yaesu DR1X Dual band

Antennas

Top} 2m/70cm Omni
Bottom) 2m Yagi

I also repaired and set up a 70cm repeater. It is running 25W and has a built in duplexer. It could be used, as needed, in the CARC trailer.

The Motorola repeater is now in operation using the Yagi antenna. It doesn't have battery backup so I will also run the 70cm ICOM with battery backup this winter. Testing is being done and will continue in the spring.

The Fusion repeater is a backup now but it may be useful for one of the events in the future.



Coconino Amateur Radio Club 2018 Christmas Party

When: Sunday, December 9, 1400 – 1700 (2 – 5 PM)

Where: Janice's home, 2885 Kweo Trail, Kachina Village

Who: All Coconino Amateur Radio Club (CARC) members, NADXA Members, and those interested in amateur radio and friends.

Dress: Casual

Events:

Dinner: CARC will provide Turkey, Ham, and non-alcoholic drinks (no BYOB); attendees are requested to bring a side dish (we need yams, vegetable dishes, salads/dressings, and one or two desserts).

Sing along: Christmas and seasonal songs; string instruments will be available: 1 piano, 2 ukulele, 2 mandolin, 2 guitars and an oud - who plays? Bring your own instrument (BYOI) if you wish or use mine.

RSVP: Janice, 928-525-4641, so we know how many to expect and to coordinate optional side dishes:

How to get there (Kachina Village streets were laid out to accommodate the hilly terrain); see map below. Your destination is near the intersection of Kweo Trail and Hotevilla Trail, the star to the left of the map center. The quickest way is Exit 333 (Kachina Village and Mountainaire), west onto Kachina Boulevard, right onto Kachina Trail, left on Kona (steep hill), pass the first Kweo, left on Ancient, left on Kweo, and park around Hotevilla Trail. An alternate route (longer but less traffic) is to take Pinion Trail (now renamed Ancient Trail); this avoids the steep Kona Trail hill. North is up for the map below.

If Kona Trail is difficult due to wintry driving conditions, park at the Dollar General Store or parking lot next to the real estate office; call on the 146.980 repeater, and Janice will provide shuttle service.

Please RSVP as we rent chairs to accommodate the group and need to know how many are coming. Also if you have a folding table that you could bring, please let Janice know.

