



Coconino Amateur Radio Club

www.cocoradio.club

High-Country Static

January 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: Tom Shehan KY7WV

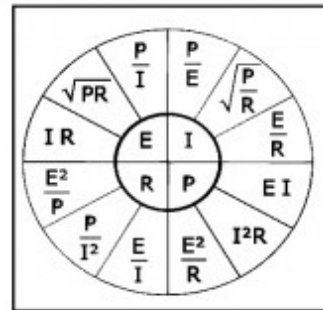
Vice-President: Dan Shearer, N7YIQ

Secretary: Erv Perelstein, KE7QFI

Treasurer: Pat Traber, KE7QFG

PIO: Vacant

Newsletter: Janice Enloe, KI6WCK



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

Calendar of Events for 2018:

Coconino Amateur Radio Club TENTATIVE 2018 Schedule:

January

- 11 CARC Meeting – EOC & ARES, WB8VWC <-----
- 13 ARES Exercise with southern Arizona RACES
- 20 Amateur Radio Examinations at North Country HealthCare
- 27-28 Reminder: Winter Field Day (<https://www.winterfieldday.com/>)

February

- 3 Assist Yavapai ARES/RACES with Sedona Marathon
- 8 CARC Meeting – Antennas, NG7A <-----

March

- 5 STEM Celebration Day at NAU Skydome 1730 to 1900
- 8 CARC Meeting - Digital Modes, KI6WCK & W7LUX <-----

April

- ?? PFAC Wild Lands Fire Exercise (Possibly late March)
- 12 CARC Meeting - Radio Equipment Operation <-----
- 21 Amateur Radio Examinations at North Country HealthCare

May

- 10 CARC Meeting - Field Day Planning <-----
- 18-20 Overland Expo: Demonstrations and Amateur Radio License Examinations
At Fort Tuthill
- 21-24 Arizona State & Coconino County Exercise; EOC activation 21 May

June

- 2 Sacred Mountain Prayer Run
- 9?? CARC Picnic
- 14 CARC Meeting - Field Day Planning <-----
- 23-24 Field Day (KG7OH & Team)

July

- 4 Munds Park Parade
- 12 CARC Meeting -
- 21 Amateur Radio License Exams at North Country HealthCare

August

- 4 Toys for Tots/Fat Tire Bicycle Ride
- 7 National Night Out
- 9 CARC Meeting -
- 11 Big Brothers/Big Sisters Run for the Magic
- 26? Arizona Trail Marathon at North Rim

September

- 3 Williams 10K Labor Day Run
- 13 CARC Meeting -
- 22-23 Flagstaff to Grand Canyon 100 Mile Stagecoach Run

October

- 11 CARC Meeting -
- 13 Soulstice Mountain Trail Run
- 20 Amateur Radio License Exams at North Country HealthCare
- ?? MARS COMEX

November

- ?? MARS Comex
- 8 CARC Meeting -
- 10? Girls on the Run

December

- 1 SkyWarn Recognition Day at NWS Belmont (UTC date)
- 9? Christmas party

Next Business Meeting:

Our next business meeting will be January 11, 2018 at the East side Sizzlers at the corner of Highway 66 and Fanning.
Dinner @1800 and meeting starts @1900.

Happy New Year!

Wow, 2017 flew by and now we are ready to get going for the new. Winter Field Day is coming up on the last weekend of January. This is always fun. For those days you don't want to go outside, HAM radio provides you the ability to sit at home and get out there. If you are HF capable, this one is always fun.

Glen [KG7YDJ] has released the tentative class schedule for Technician and General classes. February and August for Technician and May for General. We can maybe squeeze an Extra class in there somewhere if there is enough interest. Dates should/be published soon on the web calendar.

Don't forget to send/get your dues to Pat. It's that time of the year to write that check.

Some things to think about for the next 6 months for the Field Day event. We are planning some talks on digital communications at our monthly meetings. It would be nice to have a digital station during Field Day. I know we can swing that. I am a self-taught digital guy. With a little help from Joe [W7LUX], I was able to get my station up and running. I am now running at least 4 digital modes – PSK31 – RTTY – FT8 – WSPR. PSK31 is still my favorite and I like to get into the RTTY contests too. These modes are easy once you get your radio set up for them. That will be explained as well.

Planning for Field Day will start in the Spring and we have a huge reputation to fill. We beat out the other clubs for the Arizona Field Day Trophy. If you weren't at the party to see the trophy, it's absolutely gorgeous. You can be sure those other clubs are out to take it away from us so we will need to operate our hearts out. I'd like to keep it another year or two just to say we did it a few years in a row.

I am getting some requests for new member applications. I think that's awesome. Remember, everyone in the club is a recruiter.

See everyone at the meeting on the 11th.

Your VP
Dan – N7YIQ

Thank you and Help Wanted:

Thank you to all who have run the Monday and Wednesday night nets:
Flagstaff: Erv KE7QFI, Mike KD8RQV, Mary Lou Hagan, KG7TPK
Mike Clever, KD8RQV, Glen KG7YDJ

Page: Eric KG7UNI, Nancy KG7WKS and Vince WB7UWW

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

Licensing Exams for 2018:

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).

January 20

April 21

July 21

October 20

Arizona Newsletter: <http://www.arrl.org>

Tutorials: <http://www.arrl.org/tutorial>

Minutes of the Coconino Amateur Radio Club

11/9/2017

Meeting Started: 7:00 pm

Presentation: DX Engineering provided a talk on various antenna configurations via Skype, presented by Tim Duffy. It was a good review of the various types of antennas and their uses for both HF and VHF.

Secretary's Report: Since the minutes of the October meeting were published in the newsletter, there was no need to read them. Gary Loving made a motion to accept the minutes and Joe Hobart seconded the motion. The minutes were approved unanimously.

Treasurer's Report: Pat Traber, our CARC Treasurer, reported that the closing bank balance is \$2,225.66. Membership is still 51 members, consisting of 47 paid members and 4 lifetime members. Pat gave us a review of costs for the CARC Radio Trailer. The trailer cost was \$2,335.76 and the equipment cost was \$2246.04 for a total of \$4,581.80. Janice Enloe moved to accept the Treasurer's Report and Bobbi Brunner seconded the motion. The report was approved unanimously.

President's Report: Tom Shehan, our CARC President, was not in attendance this month. Dan Shearer, our newly elected Vice President, opened the business meeting with an introduction of all members.

Old Business: Dan asked for an update of the new trailer. Ken Held, who spent a great deal of time installing the wiring, antennas and radios gave us a quick rundown of the capabilities and placement of the antennas and radios. The membership gave Ken a big THANK YOU for all the work he did.

Dan opened a discussion of the Public Information Officer position which remains open. After some discussion, Dan announced that he would accept the position but would like to have 1 or 2 assistants for large projects like Field Day.

Dan reminded us that once again there will be a Winter Field Day event on January 27, 2018. It can be entered as an individual from home stations or as a club. To find out more, Google "Winter Field Day". It's a good opportunity to sharpen up our skills for the ARRL Field Day Event.

Vice President's Report: No Vice President Report this month.

50/50 Raffle: Gary Loving won the 50/50 raffle.

New Business: Joe told us that he was approached concerning the maintenance and operation of the South Rim of the Grand Canyon Repeater, (which used to be part of the North Link). The current operators, (Zantara), would like to find a new group to run it. Niles Radio currently performs maintenance on other equipment in the vicinity. They told Joe that the Antenna may be a problem and that access to the site would have to be worked out. Joe recommended that we table the discussion until the January meeting and pay a visit to the site to inspect the equipment and talk about access requirements. Everyone agreed with the recommendation.

Dan brought up the topic of asking for a volunteer for our Training/Education Coordinator. Glen Davis said he would be interested. He also thanked Ron Gerlak, Jack Lundsford, Phil Brunner for helping with the classes they held in Williams recently. We talked about picking dates for our next classes and whether to hold a General License class this year. No firm decisions were made and this will be carried over until the January meeting.

Presentation Schedule:

January Joe and Janice Digital Communications (part 1)

February Joe and Janice Digital Communications (part 2)
March Radio Propagation
April Janice The Anatomy of Race Support
May Field Day Operations
June Field Day Operations
July George, KG7A, would like to make a special presentation on Loop Antennas

ARES Report:

Joe reported that the first EOC test session on 10/10 went very well. They ran RF through the new coax cables that were installed. They put up an Alpha/Delta Antenna and tuned it. They discovered that 40 meters was not good, they need a 60 meter dipole.

The full EOC activation was held on 10/19 and was a good practice. Participants were Joe, Gary, Mark, Ken, Jodi, Lena and Joe supervised. They used 40 and 80 meters, both of which had good propagation.

Joe said that there is a Full Scale State Exercise scheduled for May 21-24th 2018. They will use the main EOC in the LEAF and we may take our CARC Trailer or it could be just City and County exercise.

There being no further business, Janice moved and Bobbi seconded a motion to adjourn. Passed unanimously.

Meeting Ended: 8:43 pm.