



High-Country Static

January 2024

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 **Highland Fire Station** south of Flagstaff in Mountaineer, 3350 Old Munds Highway Flagstaff, AZ 86005 and on ZOOM Conferencing website at 7:00PM. All persons interested in amateur radio, whether licensed or not, are welcome to attend.

Coconino ARES/Skywarn net meets 1900 every Wednesday evening on the 146.98 repeater. Meet and greet on RimLink with John Nelson, Monday evenings at 1930, on Rimlink repeater 147.140.

Officers:

President: Janice Enloe, KI6WCK

Vice-President: Morgan Conklin, KI7WTS

Secretary: John Nelson, N7MLS

Treasurer: Ken Held, W7SS

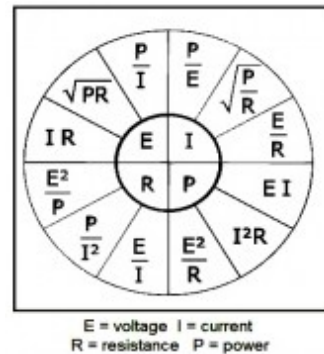
PIO: Dan Shearer, N7YIQ

Newsletter: Open

ARES DEC: Joe Hobart, W7LUX

Net Control Coordinator: Glen Davis, KG7YDJ

Club Trustee: Erv Perelstein, KE7QFI



Calendar of Events for 2024: Tentative Schedule

January 1: POTA in the local forest. Weather depending. I will send out more details as the date gets closer.

January 11: General Business Meeting, Janice Enloe, KI6WCK

January 27/28: Winter Field- **Lead???**

February 8: General Business Meeting, Janice Enloe, KI6WCK

March 14: General Business Meeting, Janice Enloe, KI6WCK

April 11: General Business Meeting, Janice Enloe, KI6WCK

April 27: STEM Celebration- **Lead???**

May 9: General Business Meeting, Janice Enloe, KI6WCK

June 1: Sacred Mtn Prayer Run- Dan Shearer, N7YIQ

June 8: Riordan Mansion State Historic Park POTA- Janice Enloe, KI6WCK

June 13: General Business Meeting, Janice Enloe, KI6WCK

June 22/23: Field Day- Ft. Tuthill, Posse Ramada- **Lead???**
July 11: General Business Meeting, Janice Enloe, KI6WCK
August 3: Flag2GC Bike Ride- **Lead???**
August 8: General Business Meeting, Janice Enloe, KI6WCK
August 10: BB/BS Half Marathon- **Lead???**
September 2: Williams Labor Day Run- **Lead???**
September 12: General Business Meeting, Janice Enloe, KI6WCK
September 21/22: Stagecoach 100 Run- Janice KI6WCK/Joe W7LUX
September 28/29: North Rim Ramble- Bill Smith KQ1S, Lead
October 10: General Business Meeting, Janice Enloe, KI6WCK
October TBD: Soulstice Run- BB/BS- **Lead???**
November TBD: Girls on the Run- **Lead???**
November 14: General Business Meeting, Janice Enloe, KI6WCK
December 7: Skywarn Recognition- **Lead???**
December 14: Holiday Party/PotLuck- **Lead???**

Next Business Meeting:

Our next business meeting will be January 11, 2024 at the **Highland Fire Station** south of Flagstaff in Mountainaire, 3350 Old Munds Highway Flagstaff, AZ 86005 and on ZOOM Conferencing website at 7:00PM. All persons interested in amateur radio, whether licensed or not, are welcome to attend. Dinner *not* provided, no kitchen facility.

From the President, Janice Enloe KI6WCK:

Hello members of CARC and friends. Believe it or not, here we are at 2024 already. Time to plan for next years activities. As you can see in the calendar section, we have many openings and opportunities for you to participate in leading a club event. What can you help with? Can you lead an event? Organize Field Day (winter and/or summer?), organize the Christmas party (it is pot luck so not that difficult)? Some events require more work than others so if you are new to this, why not lead a smaller event first? How about STEM in April? This is an afternoon event lasting a few hours. Past organizers are happy to help and walk you through the details as needed. Nothing says you need to do it the same a years gone by. How about a summer BBQ?- that could be at your home or in a park.

How can you help your club? Volunteer a little of your time. Meet the other members, get out and operate. Come join us for in person meetings.

If you want to add an event to the calendar, please let me know. It looks a little empty right now. What about a Fox hunt (hidden transmitter hunt), antenna building workshop, POTA event, summer BBQ, a training event for an aspect of amateur radio, technical talk, presentation at the club meeting? I bet there is something that would interest you to add to the club.

Hope to see you all on January 11.
Janice Enloe KI6WCK

Thank you and Help Wanted:

Wednesday 1900 ARES Net: Thank you to all who have run the Wednesday night nets:
Glen KG7YDJ, Phil AE7OH, Mark WB8VWC, Janice KI6WCK

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.

Newsletter Editor:

Newsletter editor needed. What goes into the newsletter? News and information of interest to amateur operators, Hamfest information/flyers, Upcoming club events (information from the event lead), short educational piece (synopsis of article from QST or other amateur radio source?), etc. You are welcome to make it your own design or use this as a format that can be updated each month. I will send you the Word document to make it easy- you don't need to reinvent the wheel.

Event Leads:

We need one club member to take on the lead for each club event to coordinate with event staff and amateur operators, for communications at aide stations, and net control. Most of these events have been done for many years and forms, spreadsheets, and plans are archived for use by the next lead. Anyone that would like to lead an event will have access to the information. It is acceptable to ask long time cub members for mentoring on the events. You need not go it alone.

Licensing Exams for 2024:

Licensing exams will be moving to online testing with ZOOM conferencing platform. This facilitates faster grading and reporting to FCC, shorter turnaround times for licenses, requires no travel for the applicant or the VE team, and reduces the risk of accidents in snow and ice driving conditions. It also allows for a variety of test dates (weekends, weekdays, morning, afternoon, evening, etc.). Payment for testing can be made to the treasurer by check or cash, or through Zelle to the club account.

Anyone wishing to participate in the VE team, please let Janice Enloe, KI6WCK know. There is some online training involved for this new procedure. Testing will be scheduled quarterly, third Saturday of the month but requests for other dates and times will be considered on a case by case basis.

January 20
April 20
July 20
October 19

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

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

Congratulations to:

Say hello to these hams when you hear them on the air.

Minutes of the Coconino Amateur Radio Club 11/9/2023

Meeting called to order at 1903 hours on Zoom via a virtual environment by Pres Janice KI6WCK. Roll was obtained via a check-in while online. 11 Members present 1 guest.

President's Report: Intros - Janice. Adam Guest – intro. No “tech talk” at 1830 prior to the meeting since this was a virtual meeting only.

Vice-President's Report: None.

Secretary's Report: The revised minutes were sent out via the email list since there were corrections. Minutes discussed. Motion to accept the minutes by Mike W7QS – Second Phil AE7OH. Passed.

Treasurer's Report for November 2023

Income \$ 25.00

Donation to CARC for oscilloscope \$25.00

Expenses \$ 0.00

Balance on 10/1/2023 \$6164.31

Income \$25.00

Expense \$0.00

Ending Balance on 11/1/2023 \$6189.31

CARC Membership Report:

Life Members: 3

Paid members as of 11/1/2023: 47

TOTAL 50

Motion to accept the Treasurer's report – Mike W7QS – 2nd Morgan KI7WTS – Motion passed.

Remember that the Website is maintained by Phil/Ron

Email lists – Bobbi

Continuing Events: Nets:

Nets – ARES/Skywarn still Wednesday nights. RACES Sunday at 0730 – Informal Rimlink get together still Mondays.

John - RimLink – very informal. Still 1930 on Monday on the 140 repeater.

ARES/Skywarn – still doing this on Wednesday at 1900 hours

RACES net is every Sunday morning at 0730 on HF 80 meters 3.990 MHz +/- a few for possible traffic.

Glen – No nets for the Thanksgiving week. Janice stated No Nets for the week of Thanksgiving.

Old Business:

Eli Cohen – STEM with the Flagstaff Schools – ARRL provides teacher training thru grants – 5 days of training – amateur radio – stations in the classroom.

Back up comms discussion – Highlands Fire Department looking for another radio link in case needed.

Girls on the Run went well – 3 people helped out - patrolled Buffalo Park and the course – Great job by all.

Janice - Still need volunteers for all events in the coming year.

CARC cargo trailer will be at Janice's house over the winter – need to work on this. Wiring and lighting needs work and get the trailer back in working order.

Al is buying the antenna trailer for \$1000 and taking it to his property. Phil to get the paperwork in order for the transfer.

Erv has moved to Phoenix so we need a new trustee. Dan states we need someone in Flagstaff – Janice – we need to move forward on this quickly.

Fox Hunt – Morgan – on the 19th of the month. Sometime in the afternoon – times to be sent via email for those interested. Clarify Saturday or Sunday – Adam – Janice has antennas and adapters.

Janice states we still need a secretary. Dan moving to PIO – John will take it as long as he can work remote. Janice saw no issue with this. No objections. Dan will work with John on getting materials.

Christmas Party 10 December at the Highlands Fire Station in Mountaineer. All invited to attend – Janice is making the turkey – Bring sides – coordinate with Janice

Winter Field Day is upcoming – Club activity or single operators? Need someone to coordinate if we are doing this as a club.

Field Day 2024 is at Fort Tuthill this year 22/23 June. We are getting a special use permit so we can work it for 24 hours.

SMPR is in June as well and it is not on the NACA calendar – We will investigate later in the new year. See slides provided by Janice in her PowerPoint presentation.

New Business:

Adam – NAU professor looking for people to assist with a earthquake monitoring system project – The professor needs people to monitor stations. Adam will have info thru the email links.

ARES

Joe stated that we had about 120 hours last month from nets and other things going on. It was a very slow month. There will be a SW Utah Healthcare Radio exercise later in the month to coordinate communications traffic. Also working with Mitch with the HFD emergency communications proposal.

Discussion

Next meeting will be the club Christmas Party on December 10 from 11- 3 at the Highlands Fire Department community room. Coordinate with Janice on what sides to bring.

Next official club meeting will be 11 January 2024 – face to face and Zoom. AV at the HFD is questionable as we have had problems in the past with Janice’s laptop.

50/50 – No drawing this month.

Adjourn

John N7MLS moved to close the meeting – Joe W7LUX 2nd. Passed without objection @ 1941 hours.

Respectfully Submitted

Dan Shearer – N7YIQ

Secretary

Member Spotlight:

Dan Shearer, N7YIQ

Dan has been a long time member of Coconino ARC. Licensed since 1992, Dan resides in Kachina Village with his family and cats, cats and more cats. He is a member of the IT department at NAH. In his spare time, he operates HF, preferring QRP operations.

Dan has been club secretary/PIO for several years but is moving to “full time” PIO to focus on advertising the club and amateur radio events to Flagstaff and beyond. He will be posting news and information to social media platforms and the local newspapers, newsletters, etc.

If you have an event that you would like to post on a social media platform, newspaper or newsletter, please send it to Dan and he will take care of it. We are trying to have a coordinated media presence.

Thank you Dan for taking on this challenge and spreading the word about Coconino ARC.

Educational Spotlight:

Q Codes: How many do you know? How many do you *need* to know? If someone used one with you on the air, would you know their meaning?

QRG Your exact frequency (or that of _____) is _____ kHz. Will you tell me my exact frequency (or that of _____)?

QRL I am busy (or I am busy with _____). Are you busy? Usually used to see if a frequency is busy.

QRM Your transmission is being interfered with _____ (1. Nil; 2. Slightly; 3. Moderately; 4. Severely; 5. Extremely.) Is my transmission being interfered with?

QRN I am troubled by static _____. (1 to 5 as under QRM.) Are you troubled by static?

QRO Increase power. Shall I increase power?

QRP Decrease power. Shall I decrease power?

QRQ Send faster (_____ wpm). Shall I send faster?

QRS Send more slowly (_____ wpm). Shall I send more slowly?

QRT Stop sending. Shall I stop sending? QRU I have nothing for you. Have you anything for me?

QRV I am ready. Are you ready?

QRX I will call you again at _____ hours (on _____ kHz). When will you call me again? Minutes are usually implied rather than hours.

QRZ You are being called by _____ (on _____ kHz). Who is calling me?

QSB Your signals are fading. Are my signals fading?

QSK I can hear you between signals; break in on my transmission. Can you hear me between your signals and if so can I break in on your transmission?

QSL I am acknowledging receipt. Can you acknowledge receipt (of a message or transmission)?

QSO I can communicate with _____ direct (or relay through _____). Can you communicate with _____ direct or by relay?

QSP I will relay to _____. Will you relay to _____?

QST General call preceding a message addressed to all amateurs and ARRL members. This is in effect "CQ ARRL."

QSX I am listening to _____ on _____ kHz. Will you listen to _____ on _____ kHz?

QSY Change to transmission on another frequency (or on _____kHz). Shall I change to transmission on another frequency (or on _____kHz)?

QTC I have _____ messages for you (or for _____). How many messages have you to send?

QTH My location is _____. What is your location?

QTR The time is _____. What is the correct time?

Upcoming HAM Fests:

Thunderbird ARC Hamfest
January 13, 2024, 8AM to 12Noon
Haven Church, Glendale
www.tbirdfest.org

Quartzfest
January 21-27, 2024
Quartzsite, AZ
quartzfest.org

West Valley ARC Swapfest/tailgate
February 17, 2024 7AM to 1PM
Shepard of the Desert Lutheran Church, Sun City
westvalleyarc.com

Green Valley ARC
Valley Presbyterian Church, Green Valley
February 24, 7AM to 12 Noon
www.gvarc.us