



# High-Country Static

July 2019

News and Information Concerning  
Amateur Radio in Northern Arizona and  
Beyond

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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.*

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## Officers:

President: Janice Enloe, KI6WCK

Vice-President: Phil Brunner, AE7OH

Secretary: Erv Perelstein, KE7QFI

Treasurer: Pat Traber, KE7QFG

PIO: Dan Shearer, N7YIQ

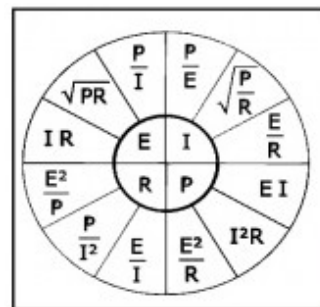
Newsletter: Bobbi Brunner, W6HQJ

VE Testing: Scott Martin, KY7A

Training Officer: Glen Davis, KG7YDJ

Mailing List: Gary Loving, KG7ZXM

Web Page: Ron Gerlak, KG7OH



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## PRESIDENT'S MESSAGE

Field Day is over and the score has been submitted. The CARC/NADXA team scored 8,820 points (unconfirmed, as of yet). While we may have scored big in points, we scored much BIGGER in teamwork, organization, public awareness, and practice in radio setup with less than ideal conditions. Strong winds and blowing dust complicated the setup on Friday but all went as planned in the end.

Saturday was a beautiful day with less wind and plenty of operators to conduct radio operations. We even had several groups and families come down from the campground to learn about HAM radio.

Take down went smoothly with plenty of help from both clubs. We had a well organized team completing the task.

I want to thank all those that participated in Field Day 2019, especially Gary Loving and Ron Gerlak the organizers of the event. They put in enormous effort (and hours) and it showed in the efficiency of the operation. Thank you to the NADXA for their operators and long hours at the radios.

Dinner was provided by Andrew Gissel with fresh grilled burgers and dogs with all the fixings. Thank you to Andrew for feeding the crowd.

As if Field Day wasn't enough for the month, we also participated in the Sacred Mountain Prayer Run in early June. The big thank you to Dan for organizing this event. All went well and no emergencies were reported. Good job, team SMPR.

July 4<sup>th</sup> was celebrated by some club members in Mund's Park with the parade. Thank you to Pat for organizing this and taking on net control through the event. Next year I may request being near the porta-potty- it was a long morning....maybe I shouldn't drink coffee before I go. Thanks, Pat- it was fun.

Now to the upcoming events. We have several events in August that could use additional volunteers. These events are not only practice for radio communication, but also provide teamwork training and interpersonal communication. Knowing your teammates is important for a well organized event and in emergency situations. I hope you all will raise your hand and get involved with the group. The better we know each other, the smoother operations will go in the event of an emergency.

All for now. I hope you are enjoying your summer- fall will be here before you know it at this altitude.

Janice Enloe, KI6WCK

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### **Coconino Amateur Radio Club 2019 Remaining Schedule:**

#### **July**

- 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

## November

- 14 CARC Meeting –
- 9? Girls on the Run

## December

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

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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 July 11, 2019 at the Eastside *Sizzlers* at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

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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, 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.

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## Remaining Licensing Exams for 2019:

- May 19 at Fort Tuthill (Overland Expo)
- July 20 at Northland Country HealthCare
- 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>

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

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## Minutes of Coconino Amateur Radio Club

6/13/19

Meeting started at 7pm.

CARC President, Janice Enloe, started the meeting with an introduction of members and guests present.

**President's Report:** Janice said that the annual CARC picnic on June 9th at Raymond Park in Kachina Village went well with good food and good weather. Next year we will move it back to Saturday instead of Sunday. Janice also relayed that CARC Secretary Erv Perelstein was absent this evening attending to his wife Kay. Kay has a long term illness and Erv may be gone off and on but would still like to remain as Secretary for the club.

**Vice President's Report:** Due to a computer error, Phil Brunner asked everyone to check the CARC Roster on the website to make sure their info was correct as it had been redone.

**Secretary's Report:** Due to Erv Perelstein's absence, the Secretary's Report was deferred until next month. (Janice asked Julie Smith to record the meeting minutes this evening.)

**Treasurer's Report:** Pat Traber, our CARC Treasurer, presented the financial report for tonight. The ending balance in our checking account is \$4,367.43, petty cash \$42.00, with an ending balance of \$4,409.43. Membership is 49 paid members, 3 life members for a total of 52 members. Our storage unit is currently paid through August 2019 at a rate of \$37.00 per month. Discussion to be held later in the meeting regarding the storage unit. Bill Smith moved and Bobbi Brunner 2nd the motion to accept the Treasurer's Report. The motion was passed unanimously.

### Old Business- Continuing business:

**Status of Club Trailer:** Trailer is at Scott's, Kevin has purchased steel for working on the trailer. Joe relayed that we need the trailer for Field Day this month.

**CARC Club Storage:** Janice volunteered outdoor space on her property to have a shed for the Club. The suggested size was a 7'x7' shed and Pat Traber explained the various prices and locations that were looked into for the shed. Home Depot was the best price at \$550.00 for the size and type of shed we need. Bill offered to use his military discount at Home Depot and to help transport the shed with his truck. The Club has acquired more items so storage will always be necessary. Since the present cost of our storage is \$444.00 per year, a shed would reduce the cost to store Club items quickly. Pat made a motion to purchase the shed and Gary 2nd the motion, with all voting in favor of purchasing the shed at Home Depot.

**Annual Field Day:** Gary Loving reported on the preparations for our upcoming Annual Field Day this month June 22-23. He and several club members met at the Flagstaff Ft. Tuthill location to help organize the stations and plan the layout for the event. Gary said having this location for multiple years would be ideal for planning future CARC Field Days.

-Gary needs more volunteers for Field Day so please contact him if you can help! [gloving@npgcable.com](mailto:gloving@npgcable.com)

Gary needs help at some stations and is hoping to have individual assignments for Set-Up and Tear-Down to help make things run smoother. (Gary asked that folks be careful when setting up as there are utility connections underground which county P & R staff will locate.)

-We have Pop-Up canopies, tables, and signs. We need more folding chairs (possible to rent them).

-Gary reported that Andrew Gissel will be acquiring and preparing the food. He will be grilling hamburgers, hot dogs, and some chicken. He will also have a variety of salads (green, potato, macaroni) and desserts. We need a headcount so Gary will send out an email so that everyone can RSVP Andrew about attending the meal and payment (\$6.00 per person). Pat Traber asked that she be sent the information for the food commitment.

-Field Day is a fun event that promotes amateur radio's emergency capabilities, public outreach, community, family and youth participation, and many other aspects of ham radio communication locally and globally so please volunteer and participate. Jodi Packard will be the youth coordinator, Robert said High Country Humane plans to be there with animals for adoption which will attract additional foot traffic, and Glen suggested an electronics recycling truck may be an idea to bring people to the event. Gary reported that we can get extra bonus points by announcing the Field Day Event on social media. Dan Shearer has submitted a press release to the AZ Daily Sun to promote Field Day and KAFF Radio will be doing a Public Service Announcement about Field Day.

-Gary asked for reimbursement for the four reusable signs he purchased for the club to be used this Field Day (and future years). Gary was aware of the \$300.00 limit for purchases and Pat reminded all to ask first before spending past the \$300.00 limit in the future. The total is \$464.33 . Bill made a motion to approve the reimbursement and Janice 2nd the motion. Approved by the members present with 1 opposed vote.

-There was a discussion also about the purchase of tarp sides for the Pop-Up canopies. Janice said she will submit the receipts for the Pop-Ups and sides.

-Janice gave a big Thank You to Gary for all his great work on organizing Field Day. It is a Big Job and will only get bigger in the coming years.

## **New Business:**

**-Munds Park July 4th Parade** - Pat Traber KE7QFG is Net Control and needs volunteers for this event. Please contact Pat to help: [altraber@aol.com](mailto:altraber@aol.com) . There will be a pre-parade meeting for volunteers July 3rd at 6:30 pm at the Munds Park Fire Station.

The Parade on July 4th will have a 9:00 am Start (please be on station by then)

(Pat suggested arriving early as parking spots fill up fast on Parade day.)

Please come prepared -safety vest, radio, chair, sunscreen, water, etc. There will be a free lunch.

**-The 50/50 Raffle** was won by Roy this evening.

**-Flagstaff to Grand Canyon Bike Ride Aug 3rd:** Andrew WA7DPS needs lots of help. Please contact Andrew to volunteer: [andrewlgissel@](mailto:andrewlgissel@). Joe noted that it is best to have more than one person at a checkpoint due to the number and speed of bike participants whizzing through each checkpoint in order to keep track of riders.

**-Big Brothers/Big Sisters Half Marathon Run/Walk & 5K Fun Run Aug 10:** Gary and Mark Loving said this race has about 9 stations and they need volunteers. Please contact Gary KG7YDJ to volunteer.

**-Stagecoach 100 Mile Run - Flag to GC Sep 21-22:** Joe reported that he needs more volunteers for this event at several stations and the Finish Line. Please email Joe to volunteer. This race utilizes ham radio, cell phones, and other methods of communication due to the nature of its length and terrain. Janice added that some stations are overnight posts so be prepared.

Joe relayed that Dan Shearer is keeping us updated of a possible ham radio station that may be added to Flagstaff Medical Center. The new Director of Emergency Preparedness at FMC is a Ham and a possible 'direct line' from an EOC to FMC would be exceptional along with other communication possibilities.

**Training:** Glen Davis KG7YDJ reported that the Tech Class on July 9 are still open for sign-ups. Skywarn will be July 8. Glen said to send him an email if you can help on the Wednesday ARES net. Janice reminded all how it is good training to help on the nets and Joe added that it gives you a good chance to check out how your radio is working. Glen asked the group to let him know of any training ideas they would like to see offered by the club in the future.

**ARES Report:** Joe Hobart, W7LUX, thanked the club members for their work over the past month. He encouraged more participation checking into the nets and taking turns running the nets. This is a good way to gain communication skills and provide a great community service.

Joe pointed out that Fire Season is upon us and there has been several fires already. Be vigilant and be prepared to help out over the radio.

Logging operations on the Peaks have been delaying work on the 98 repeater. They will try to work on it when allowed. The Cactus area, Mt. Elden & Navajo repeater links are down.

More strict security measures are resulting in a 2 tier password protocol for QRZ.com .The Incident Command Center Vehicle is under repair and unfortunately won't be at our Field Day event.

Joe encouraged club members to take the on-line IS and Emergency Comm courses. If you take any of the courses, please send a copy of the certificate to Joe.

**Other:**

Janice asked if anyone else had any questions, comments, or additional information for the meeting tonight.

A comment was presented that there is a very useful mobile App that club members may want to add to their phone concerning fire updates. It is an AZ State Dept. of Forestry & Fire Management Fire Notification App.

Joe relayed that he saw many interesting ideas and new information at the Prescott HamFest a few weeks ago. He asked the group to think of what they would like to see the club present with regard to the technical aspects of ham radio, technology, or other interests involving Amateur Radio.

Meeting adjourned at 7:55 pm. There being no other business, Bill moved and Bobbie 2nd the motion to adjourn. The motion was passed unanimously.