



Coconino Amateur Radio Club

www.cocoradio.club

High-Country Static

September 2017

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

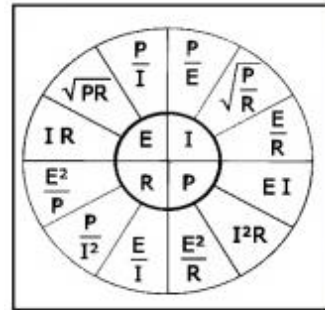
Vice-President:

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 2017: August

September

23-24 Flagstaff to Grand Canyon 100 Mile Run

October

14 Soulstice Mountain Trail Run

21 Amateur Radio License Exams at North Country Health Care

?? MARS COMEX

November

11? Girls on the Run

December

2 SkyWarn Recognition Day at NWS Belmont (UTC date)

10? Christmas party

Thank you and Help Wanted:

Thank you to all who have run the Monday and Wednesday night nets:

Flagstaff: Tom KY7WV, Erv KE7QFI, Mike KD8RQV, Bob KF4RKS, Mary Lou Hagan, KG7TPK
Mike Clever, KD8RQV, Phil Brunner, AE7OH

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 2017:

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).

October 21 Amateur Radio License Exams at North County Health Care

<http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>

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

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

http://www.arrl.org/exam_sessions/flagstaff-az-86004-1221-2

Next Business Meeting:

Our next business meeting will be September 14, 2017 at the East side Sizzlers at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

Vice-President election to be held at the September meeting. Please attend and cast your vote.

Minutes of the Coconino Amateur Radio Club 8/10/2017

Meeting Started: 7:00 pm

Secretary's Report: Since the minutes of the July meeting were published in the newsletter, there was no need to read them. Mary Lou Hagan made a motion to accept the minutes and Scott Martin seconded the motion. The minutes were approved unanimously.

Treasurer's Report: Pat Traber, our CARC Treasurer, reported that the closing bank balance is \$4,418.70 Membership is 51 members, consisting of 47 paid members and 4 lifetime members. Bill Hagan moved to accept the Treasurer's Report and Betty Gerlak seconded the motion. The report was approved unanimously.

President's Report: No President's Report this month. Tom Shehan was out of town.

Vice President's Report: After Introductions, Sandy Meadowcroft, our CARC Vice President, reminded us that she and Bob have moved to Prescott and she was here because our President was out of town. Once again

we thanked Sandy and Bob for all the work they have done for CARC over the past years and wished them luck in their new home in Prescott. Sandy had no other report for this month.

Old Business: Sandy told us we would not be voting on a replacement Vice President this month because we still needed to settle some issues about absentee ballots suggested by Tom last month. She said that we will have things settled by the September meeting. We had two nominees for Vice President; Mary Lou and Glen Davis. Mary Lou has withdrawn her nomination which leaves only one nominee which greatly simplifies the voting process for next month.

Ron Gerlak presented a review of the Flagstaff to Grand Canyon Run. He said we had many volunteers to help. Tom did an excellent job as NCS and the addition of a Cross-Band Repeater, installed by Ron before the race, gave excellent coverage to all stations during the race. The process was that input to the repeater was UHF and reception was on 146.480 Simplex. Ken Held would like to move the club's UHF repeater to the same location in next year's race and see if all stations could use UHF for the race. Ron also said that there was plenty of mud and puddles for everyone to enjoy. There was one runner injured with a cut but no broken bones or life threatening incidents. We all thanked Ron and Tom for their efforts to make a difficult race also a successful race for the club.

Sandy reminded us that the position of Public Information Officer for CARC is still unfilled and she once again asked for volunteers. She told us that the position can be shared to reduce the burden on one person and that ARRL has an online class for the PIO position. Nominations should be sent to Sandy or Tom.

Next was a report from the CARC Trailer Build-Out Committee. Mary Lou reported that their first meeting went very well. They have sketched the configuration they would like to see. Next, Ken Held will review the plans and give suggestions. He also thought that the current approved spending limit of \$400 will not be anywhere near enough. He made a motion to raise the approved limit to \$1,000. Pat seconded the motion and it carried unanimously. Scott reviewed the radio equipment that will be carried over from the old trailer and we discussed what additional equipment we might need. Thanks to Mary Lou for heading up this important effort for the club.

Sandy asked if there were any more suggestions for presentations to be made at future meetings. She reminded us that we decided to delay the start of presentations until October. No new suggestions for presentations.

50/50 Drawing: Betty won the 50/50 raffle. There was no drawing for a free lunch this month.

New Business: Scott announced that from 8/10 thru 8/16 the MOVING WALL, the Vietnam Veteran's Memorial traveling copy of the original in Washington D.C., will be available for viewing at the Twin Arrows Resort. Also, the Code Talker's HF Day is coming up this weekend. Those interested should tune to 38.75 MHz to make a contact.

There is a new Flagstaff Ranger District specialist taking over from Bob Vance. He is Kevin Lehto, email: kblehto@fs.Fed.us, phone 928-527-8287. Sandy said we should always provide a copy of our communications plans to Kevin, just like we did to Bob.

Schedule:

August

12 Big Brothers Big Sisters Half Marathon, Bob Meadowcroft coordinating. Bob has emailed a complete package of info to volunteers for this Saturday morning.

27 AZ Trail Marathon at North Rim, Tom coordinating. Still need additional member coverage. Tom said HF on 60 meters worked well there.

September

4 Williams Labor Day 10 K Run - we are supporting race management in Williams.

23-24 - Flagstaff to Grand Canyon 100 Mile Run, Bill Smith Coordinating. Tom and Dawnelle will be NCS for the race.

October

7 Soulstice Run, We need a replacement coordinator for Bob.

21 VE Testing at North Country Health Care, Eric Community Room, Joe coordinating.

November

?? AZ ARES/RACES Full Scale Exercise. Joe will let us know as he receives info.

? Girls-On-The-Run. Need a coordinator.

ARES Report: No report this month.

There being no further business, Bill Smith moved and Betty seconded a motion to adjourn. Passed unanimously.

Meeting Ended: 8:00 pm

Presentations: No additional presentations this month.

Early lessons learned from Hurricane Irma

The news today reported approximately 5 million Florida residents are without electrical service. The Salvation Army Team Emergency Radio Network (SATERN) is recruiting volunteers from the Southern District (Southeastern US) for possible deployment to Florida. There is no deployment yet, but here are some skills needed:

3. Some very specific skill sets, although not mandatory, would be extremely helpful including:
 - a. General, Advanced and Extra Class FCC Licensees are preferred.
 - b. HF and VHF / UHF traffic handling experience.
 - b. Operators with WinLink / WinMor equipment and experience are especially needed. This is especially true of people who have mobile WinLink / WinMor capabilities.
 - c. Operators with digital communication experience are also sought.
 - d. Experience with other kinds of communications (e.g. business band radio, satellite-based internet / phones, etc.)

Considering recent solar activity and the resulting unusual propagation, I would add: Familiarity with high frequency propagation.

Note the strong emphasis on traffic handling and digital communications.

Why? Knowing traffic handling procedures dramatically speeds up messages and reduces errors. Speaking of errors, several digital modes provide error checking and correcting capabilities. Digital communications are becoming increasingly important: the Arizona state EOC staff and the southern Arizona RACES group have been practicing using the Winlink (worldwide radio email) system.

Winlink is widely used by sailors, RVers, and emergency communicators, but only a few CARC members replied to my recent query about having Winlink capability. Coconino ARES needs additional operators with Winlink experience. Since Winlink relies heavily on the Internet, we also need experience in peer-to-peer digital communications as a backup in case there is a widespread Internet outage.

How to get digital experience?

With the computer sound card program, Winmor, getting on high frequency Winlink is much less expensive than it used to be.

Winlink.org - The client program used is Winlink Express (was RMS Express). If your radio is not yet set up for digital, you can practice using the Internet. Winlink Express also works well with a VHF FM Transceiver and computer with sound card.

Winlink FAQ: https://www.winlink.org/sites/default/files/wl2k_faq_20150314.pdf

Winlink 2 meter gateway: W7LUX-10 145.010 MHz FM Packet; via Mount Elden Packet Node (digital repeater) 145.010 MHz 1200 baud W7MOT-8 or Elden

Several members can help: Dan, N7YIQ; Erv, KE7QFI; Joe, W7LUX; Ken, KF7DUR; Tom, KY7WV

About handling traffic:

The Arizona Traffic and Emergency Net meets nightly at 1900 (summer) on 3986 KHz; Coconino ARES needs

representation on this well run traffic net. <http://www.atenaz.net/>
Coconino ARES needs at least one representative to check into the ATEN regularly.
73,
Joe, W7LUX
