
For comments, suggestions, questions concerning the CARC newsletter please click
cocoazham@yahoo.com

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 **1650 S. Plaza Way**, 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.

New location for CARC meetings: 1650 S. Plaza Way. Pull in off S. Plaza Way and go to the far left behind the building on the left. (There are two buildings, both behind the vacant Sun West bank on Woodlands Blvd.)

Our meeting room is in the building on the left. Jason will have the door propped open. Big thanks to Bruce Sidlinger who is not only providing this room to CARC for free, but bought a table and some chairs for our use!

Officers:

President: Jason Bennett KG7CZS
Vice-President: Sandy Meadowcroft KF4JHC
Secretary: Erv Perelstein, KE7QFI
Treasurer: Pat Traber, KE7QFG
PIO: Phyllis Thompson

We will be needing a new PIO and vice-president come summer as Phyllis and Sandy will be vacating the offices. If you are interested please see Jason or Phyllis.

June 12 next meeting -

If you have not paid your 2014 dues yet please do so at this meeting: \$25 for individuals and \$30 for a family.

Our next scheduled public service event is the Snowbowl Hill Climb, Sunday, 20 July.

Thank you to all who have ran the Monday and Wednesday night nets:
Jason, Dan, Pat, and Erv.

Next licensing exams

July 19 Williams Hamfest/AZ State Convention Licensing Exam

Oct 18 License Exam

We have 5 new Technician and two new General licensees in Page.

A big thanks to Bob, Erv, and Kay for making this possible. And a big thanks to Lee and Vince for conducting and helping with the Page license class.

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

Upcoming 2014 Events: Not all dates available yet

Jun 7 Sacred Mountain Prayer Run
Thorpe Park Picnic Ramada

June 28-29 Field Day 2014

Jul 20 Snow Bowl Hill Climb

Jul 25-26 Possible AZ ScQRPions QRP Club
Hamfest at Fort Tuthill

August 2 Toys for Tots / Fat Tire Bicycle Ride

August 5 National Night Out (Tuesday)

Aug 9 Big Brothers / Big Sisters Run for the
Magic

Sep 1 Williams 10k Labor Day Run

Sep 27, 28 Flagstaff to Grand Canyon Run
100 Relay Run - 30 hour event

Oct TBD Northland Preparatory Academy
solar observing

Oct 3-5 Flagstaff Endurance Runs (Fri-Sun)

Oct. 11 8:00 am Soulstice Mountain Trail Run

Nov 5 Possible Arizona State Exercise

Dec 6 SkyWarn Recognition Day at NWS
Belmont (UTC date)

TBD Christmas Party

Field Day 2014 is June 28-29

Minutes of the Coconino Amateur Radio Club

5/8/2014

Meeting started at:

7:00 pm

Guest: Mindy Bell, STEM Coordinator for Flagstaff. STEM City Center is the home of Flagstaff STEM City, and is located at NACET, 2225 N. Gemini Dr. It was founded by NAU, Flagstaff 40 and the Flagstaff STEM Consortium. It is funded by SFAz, Arizona Community Foundation, City of Flagstaff and NAU.

Mindy Bell talked to us about volunteer opportunities to further the objectives of Science, Technology, Engineering and Mathematics, (STEM). She offered to send an E-Newsletter to anyone interested in getting involved with STEM. She passed a sign-up sheet around. Other ways to get involved include joining the STEM Consortium email list-serve and volunteer to help in a classroom or

STEM club through the STEM Volunteer Program. Mindy's contact information is <http://flastaffstemcity.com>. Scott offered space at his outdoor market (Hwy 89 and Silver Saddle) for STEM displays.

Secretary's Report: The April minutes were not read because they were published in the April Newsletter for all members to read. There were no changes recommended. Scott moved and Pat seconded a motion to accept the April minutes as written. Passed unanimously.

Treasures report: The ending balance as of 5/8/2014 was \$1,992.73. Total paid membership for the new year is 44, with 41 paid members and 3 lifetime members. Ken moved and Scott seconded a motion to accept the Treasurer's Report. Unanimously accepted.

President's report: Jason was not in attendance this month. Sandy and Phyllis chaired the meeting. Phyllis sent an email thank you note to the Sheriff to show our appreciation for the time we were allowed to use the LEAF for our meetings.

Sandy asked for volunteers to replace Phyllis as the PIO for the club. Janice Enloe KI6WCK volunteered to fill that position. Thanks to Janice for volunteering.

Vice President's report: Joe Hobart gave the ARES report. Joe reminded us that the Overland Expo will be held at Mormon Lake on 5/16 - 18/2014. Tom will bring his RV on Saturday and will setup a table with HAM and CARC information. Anyone wishing to participate, please contact Tom. We will be providing a testing session on Sun, 5/18/12 at the Expo. We have been promised an indoor room for the testing to prevent the problems we had last year in holding the paperwork down due to the wind in the tent we were provided. The next regular testing session will be on July 19th at the Williams Hamfest.

Joe will take a VE team up to Page at the end of May to license additional operators for Page and Fredonia. We have 2 VE's volunteer, we need at least 1 more. We were also informed that the National Weather people from Camp Navajo are planning on holding a Weather Spotter Training Class on the same day in Page.

Joe told us that the PFAC Wildland Fire Exercise, on 25-26 April, was held but that we were not invited to participate. The exercise was held in conjunction with a much larger Angel Thunder Exercise that involved military aircraft, as well as ground troops and would run until May 14th.

We are continuing our Code Classes for the Scouts. The last class had no Boy Scouts attend but 3 Girl Scouts + 1 mother are still working on becoming proficient in CW. It was recommended that Joe ask the Girl Scout participants if they would like to give a CW demonstration at the GOTA station during Field Day this year. He will let us know the results.

Joe reported that we are doing well with providing him with certificates from the FEMA classes that we have taken, (ICS 100, 200, 700, 800) and any others we are interested in. It is very important that we become familiar with the ICS system in order to assist in our ARES Disaster Assistance. He asked anyone who has not taken these on-line courses to try and take them soon.

Joe reported that the Phone Patch on the Mt. Elden 146.980 repeater was broken. It only works one way. There have been other problems identified on the repeater so a team is going up on a weekend in May to try and fix the problems.

Old Business: Phyllis gave us a very thorough review of the detailed plans for Field Day. There were several recommendations from the floor to help round out the plans. Phyllis showed us several options for a flyer to advertise our event. The club chose one of the options. We will have a very effective flyer this year. In summary, the Field Day Plan is a very detailed and complete plan which will make implementation much simpler. We also discussed inviting other organizations such as: the Robotics Team, the Radio Controlled Model Airplane group, the Girl Scout CW group, etc., to demo their hobbies at the GOTA Station to help bring more people out to Field Day and generate more interest in HAM Radio.

The club purchased a new Yagi antenna to use at Field Day on top of our portable tower. It is a 20 meter antenna. We will construct a 40/80 meter crossed dipole to fill in the other two bands for Field Day. The Yagi still needs to be assembled. Scott proposed that we have two work parties as we get closer to the end of June; one to assemble the Yagi and the second to work on the dipole. He said that we can do the work at the Outdoor Market, he will have everything we need out there. The first work party was set for June 14th at 9:30 am. We need volunteers to show up. If we have enough volunteers we can do both work parties on the same day. Scott says there is plenty of room.

New Business: Bob Meadowcroft demonstrated a Hand Crank Generator that develops 12 VDC with enough power to run a ham radio. It can also be used with an inverter to develop 110 VAC for a limited load. If anyone is interested in more details, please contact Bob.

Meeting adjourned 9:15 pm. Bob moved, and Pat seconded a motion to adjourn. Unanimously approved.

50/50 Drawing won by Bob Meadowcroft

Presentation: After adjourning the regular meeting, the club continued to discuss the new Smart Phone/Texting ordinance that the City Counsel is considering. The City Counsel is not completely satisfied with the County Ordinance as written and they are soliciting assistance from interested groups to satisfy all users and still provide the protection required.

Joe and Scott think that we should form an action committee to assist with our response to the City Counsel and the Health Department. Bob moved to from the committee and Pat seconded with the specific provision that we do not consider suing the county/city. Before voting, Tom offered a motion to amend Bob's motion to include the possibility of bringing suit. No second was made. The vote on Bob's motion carried unanimously. After some discussion, the committee with be comprised of; Tom, Joe, Scott, Ken and Erv.

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


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

Great Information:

Summer STEM Opportunities and More!

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Flagstaff, Arizona

STEMCITYCENTER

Science ▪ Technology ▪ Engineering ▪ Math

At:  Northern Arizona Center for Entrepreneurship and Technology

Powered by:  NORTHERN ARIZONA UNIVERSITY

May 19, 2014

Looking for STEM Summer Camps?

Link [here](#) for more information on the following camps:

Arboretum at Flagstaff

Camp Invention

Centennial Forest Summer Camps

City of Flagstaff

CocoNuts Robotics Camp

Critter Kids Unleashed (Second Chance Center for Animals)

FACTS Camp Iwannago

Foresight Learning Center Summer Exploration Series

Grand Canyon Youth

Lowell Observatory Kids Camp

Lowell Observatory Astronomy Camp

Merriam-Powell Center – Summer Bug Camp

Museum of Northern Arizona Discovery Camps

NAU Mountain Jacks Kids Camp

Summer Bambini – Bambini Montessori School

Please contact [Mindy](#) if you have STEM-related summer programming to share.

Field Day Information

Field Day June 28-29, 2014 will be held at the Silver Saddle Outdoor Market, 9001 North Highway 89 (northeast corner of Highway 89 and Silver Saddle Road).

Setup will be Friday, 27 June, and operation will be 11 AM Saturday to 11 AM Sunday.

We plan to have:

SSB station

CW (Morse Code) station
GOTA station for people new to radio
6 meter station
CERT Representative and Code Red Sign Up Forms
Flagstaff Flyers (radio controlled model aircraft)
Girl Scouts demonstrating/helping visitors with Morse Code
Solar observing
Video of Northland Preparatory Academy high altitude balloon flight

And something new: Scott has offered 10 foot covered areas to display equipment you want to sell. Cost for this Field Day Special is \$10. You will need to bring tables and chairs. You may also sell out of your vehicle for the same \$10.

Attached are an overhead view of the market with north up and a layout. Highway 89 is above the layout title; up is slightly north of west. We plan to setup:

Antenna trailer at "Limited Dry Camping"
GOTA Antenna in the area below "Food" and left of "Marketbooth"
GOTA Station in or near display booths D1 and D2
6 meter station in CARC trailer near GOTA station (share generator)
SSB and CW stations between GOTA station and antenna trailer

There are several trees and plenty of room for wire antennas.

73,
Joe, W7LUX