



High-Country Static

January 2019

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: Bill Smith, KQ1S

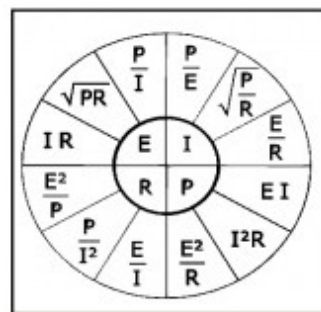
Vice-President: Phil Brunner, AE7OH

Secretary: Erv Perelstein, KE7QFI

Treasurer: Pat Traber, KE7QFG

PIO: Dan Shearer, N7YIQ

Newsletter: Janice Enloe, KI6WCK



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

Coconino Amateur Radio Club TENTATIVE 2019 Schedule:

January

- 10 CARC Meeting –
- 19 Amateur Radio Examinations at North Country HealthCare
- 26-27 Reminder: Winter Field Day (<https://www.winterfieldday.com/>)

February

- 2 Assist Yavapai ARES/RACES with Run Sedona
- 14 CARC Meeting –

March

- 4 STEM Celebration Day at NAU Skydome 1730 to 1900 ???
- 14 CARC Meeting –

April

- 3 Hazmat Exercise near Twin Arrows
- 11 CARC Meeting – Preparation for Public Service Events
- 20 Amateur Radio Examinations at North Country HealthCare

May

- 9 CARC Meeting – Field Day Planning
- 17-19 Overland Expo: Demonstrations and Amateur Radio License Examinations
At Fort Tuthill

June

- 1 Sacred Mountain Prayer Run
- 8 CARC Picnic ???
- 13 CARC Meeting – Field Day Planning
- 22-23 Field Day

July

- 4 Munds Park Parade
- 11 CARC Meeting –
- 20 Amateur Radio License Exams at North Country HealthCare

August

- 3 Toys for Tots/Fat Tire Bicycle Ride
- 6 National Night Out
- 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
- 25-27 MARS Exercise ???

November

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

December

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

Next Business Meeting:

Our next business meeting will be January 10 , 2019 at the East side Sizzlers at the corner of Highway 66 and Fanning. Dinner @1800 and meeting starts @1900.

From the President:

Welcome to 2019! It has been a couple months since the last newsletter. During that time, we have managed to get through the Christmas holiday season and into a new year. I hope that the new year brings good fortune to all of us, and Mother Nature gives us a break on the HF bands this year.

With the new year comes resolutions. I was thinking that, as Hams, we each should perhaps resolve to try a new operating mode this year, or perhaps upgrade to a higher license class, or maybe become a volunteer on the VE license exam team. It is always good to become involved a little deeper in the hobby to spark or renew interest. What is your Ham-related new year resolution?

As we move into a new year, we start a new cycle of support activities for local events. I encourage each club member to consider how you might be able to assist, whether helping with planning, participating in table-top exercises, EOC support, or staffing a checkpoint during one or more of the outdoor events. There is something for every skill level and license class throughout the year. And most of all, it is fun and personally rewarding! Thank you all for all that you do for each other, the club, and Ham radio in general.

73, Bill – KQ1S

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

Page: Eric KG7UNI, Nancy K7WKS and Vince WB7UWW

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.

Licensing Exams for 2019:

January 19
April 20
July 20
October 19

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>

Minutes of the Coconino Amateur Radio Club

11/8/2018

Meeting Started: 7:00 pm

Secretary's Report: Since the minutes of the October meeting were published in the newsletter, there was no need to read them. Bill Smith 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 \$2,611.61. Membership is 64 members, consisting of 60 paid members and 4 lifetime members. Pat announced that Bill purchased a new Honda 2200 generator for the CARC Trailer. It has a sine wave inverter and cost about \$800. Ron Gerlak made a motion to accept the report and Joe seconded the motion. The report was approved unanimously.

President's Report: Bill Smith, our CARC President, opened the business meeting with an introduction of all members. Bill reminded us that winter was coming with: cold, storms, and snow. He urged us to be ready, collect or check winter gear now, check generators monthly for about 30 minutes. Bill then opened discussion on old business.

Vice-President's Report: There was no vice-president report this month.

Old Business: Bill reminded us that the Girls-On-The-Run will be held this coming Saturday. Glen Davis is the coordinator. He recommended we test two different Simplex backup channels; 146.980 and 146.48.

Further discussion about the CARC Trailer; Kevin Kelly has a mount for the new generator and will do the welding when he gets the trailer. He will provide new backup lights and flood lights. We will keep the old generator which was rated at 1000 W/800 W continuous. The generator works and the club will keep it as a loaner, if needed.

50/50 Raffle: Peter Balkan KJ7BKB won the raffle.

New Business: Bill reviewed the procedures used in handling of the equipment donated by Karl Isbrecht, WA7HUR. He said we sold several items at the end of the last meeting. The rest was offered for email bidding. There was only one round of bidding and the items went to the highest bidder.

We then discussed the upcoming CARC Christmas Party, to be held at the home of Janice Enloe on December 11. Janice said that the club would provide the turkey and ham and that pot luck contributions would be appreciated.

Bill reminded us that Bob Wertz was still looking for Volunteers to help with the Toys for Tots Project.

Janice pointed out that the proposed calendar of events was published in the last Newsletter and asked us all to review it let her know about any changes, additions or deletions. Pat made a motion that we table further discussion of the tentative CARC Schedule for 2019 until members had a chance to review it. Janice 2nd the motion and it passed unanimously.

Bill suggested that we discuss whether we want to continue setting up a booth for National Night Out in August. The members agreed that we should scratch that from our calendar.

ARES Report: Joe reminded us of the Skywarn Recognition Day event at NWS. It starts on Dec 1 at 0001Z which is Friday, Nov 30 at 5:00 pm local time for HF and FT-8 contacts. They will shut down at 2200 local Friday night and start again on Saturday morning till 5:00 pm Saturday.

Joe also reminded us about the Winter Field Day Exercise. Please let him know if you want to participate.

Joe expressed a huge thanks to all members for the many on-air hours spent last month. He said we set a record.

Joe asked the members to consider making presentations to the meeting on interesting projects they are working on.

Joe reported on the HAZMAT recent event. They had a table top exercise with Chlorine tanker truck. There will be an EOC Exercise next Wed, There will be an EOC Full Activation on April 3

There being no further business, Mary Lou made and Kay Perelstein seconded a motion to adjourn. Passed unanimously.

Meeting Ended: 8:00 p.m.

NORTHERN ARIZONA REPEATER LIST

FREQUENCY	OFFSET	TONE	SPONSOR	LOCATION	NEAR
1. 146.980	-	162.2	W7ARA	MT ELDEN	FLAGSTAFF ** AP
2. 145.270	-		KD7IC	MORMON MTN	FLAGSTAFF
3. 146.780	-	91.5	K7NAZ	BILL WILLIAMS MTN	WILLIAMS IRLP 3178
4. 146.960	-	100.0	W7WAC	NAVAJO MTN	PAGE
5. 147.140	+	162.2	W7ARA	MT ELDEN	FLAGSTAFF *
6. 145.330	-	156.7	KA7IOG	SQUAW PEAK	VERDE
7. 146.610	-	162.2	w7OTA	GREENS PEAK	GREER (Was N7ENS)
8. 147.000	+	162.2	KB7CN	MINGUS MTN	JEROME
9. 147.380	+	91.5	N7TWU	WINSLOW	
10. 147.220	+	162.2	W7EI	MINGUS MTN	JEROME
11. 145.410	-	151.4	K7NAU	FLAGSTAFF	NAU
12. 146.680	-		KA7ARZ	HOLBROOK	
13. 147.360	+	162.2	W7MDY	MT ORD	SUNFLOWER *
14. 146.720	-	162.2	W7ARA	GREENS PEAK/McNARY	RIMLINK *

15.	145.350	-	162.2	KD7CCV	WILDFLOWER MTN	CROWN KING
16.	145.290	-	127.3	K7YCA	MINGUS MTN	JEROME **
17.	147.320	+		WB6JAA	Hopi Point	Grand Canyon
18.	146.800	-	156.7	W7RIM	Forest Lakes	Heber/Overgaard
20.	448.875	-	100.0	W7ARA	MT ELDEN	FLAGSTAFF * To Utah
21.	448.475	-	100.0	W7ARA	MT ELDEN	FLAGSTAFF AP
22.	449.600	-	162.2	KD7IC	MORMON MTN	FLAGSTAFF

* Linked repeaters

** ARES/RACES Repeater

AP = Auto Patch

Coconino ARES uses the Mount Elden 146.980 repeater or 146.980 simplex if the repeater is not operational. The weekly net is Wednesday at 1900 MST.

The SKYWARN Net is Monday evenings at 1900 MST on the 146.98 MHz repeater.

The Daily Arizona Weather Net meets twice daily on the 145.350 repeater.

Arizona VHF & UHF Simplex Frequencies:

146.480	
146.520	National VHF Simplex Calling Frequency
146.540	
146.560	
147.480	
147.520	
147.540	
147.560	
441.025	
446.000	National UHF Simplex Calling Frequency
446.025	
446.050	
446.500	

Digital Repeaters:

144.390	Mount Elden APRS
145.010	Mount Elden Packet Node
145.010	W7LUX Winlink Packet Gateway

High Frequency (Times are Mountain Standard):

3939	KHz	New Mexico Roadrunner Traffic Net	1800	Daily
3975	KHz	Golden Bear Traffic Net	1900	California Time
3977.7	KHz	Salvation Army (Western States SATERN)	2100	Sundays

3986 KHz Arizona Traffic and Emergency Net 1730 Winter 1900 Summer
3990 KHz Arizona State Emergency RACES Net 0730 Sundays
5403.5 KHz Arizona State Emergency 100 Watts maximum ERP *
7254 KHz Arizona State Emergency (Approximate frequency; also 7252.5 or 7248)

* Some Western States amateurs monitor 5403.5 using the Wilderness Protocol

The Coconino SKYWARN net is 1900 every Monday evening on the 146.98 MHz repeater, and the ARES net is every Wednesday evening at 1900 on the same repeater. If the repeater is inoperative, we meet on 146.98 MHz simplex. The club meets the second Thursday of each month at 1900.

The northern Coconino County SkyWarn and ARES nets follow the 1900 Monday and Wednesday nets at 1930 on the Navajo Mountain CACTUS repeater.

Lots of information:

<http://billwilliamsradioclub.webuda.com/>

73,

Joe, W7LUX

Hello Morse



Archery



Banjo



Candy



Dog



Eye



Firetruck



Giraffe



Hippo



Insect



Jet



Kite



Laboratory



Mustache



Net



Orchestra



Paddles



Quarterback



Robot



Submarine



Tape



Unicorn



Vacuum



Wand



X-ray



Yard



Zebra