

RAINBOW CANYONS AMATEUR RADIO CLUB NEWSLETTER CEDAR CITY, UTAH



Club Website: www.rcarc.info Number 6 – Vol. 4 – April 2024

Club Meeting Information

The RCARC meets at 7:00 p.m. on the 2nd Tuesday of each month at the Cedar City Senior Center, 489 E. 200 South. Down Stairs.

2024 Club Officer's

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CQ, CQ, Happy Spring & Easter
Everyone.



Presidents Message

Dear Fellow Amateur Radio Operators,

Hope everyone is having a wonderful start to the spring and that you are looking forward to our June 15th Swap meet with our new Go Kit Contest and Field Day at the end of June (22-23)! It is wonderful to see all of the general class students and good luck to those who are looking to upgrade and I hope you all pass in a few weeks so you can get on more of the HF bands. The bands have been up and down with the current solar cycle (cycle 25) and we have lots of sun spots and solar storms. This is both good and bad for propagation but it certainly keeps it interesting. We have a good batch of new members so we may have some new HAMS needing our help of the upcoming months so please make sure to introduce yourself and offer a friendly hand!

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RCARC Club Nets:

7:00 a.m. Breakfast Net - Monday – Saturday – 146.760.
12:30 p.m. Daily – Utah Beehive Net On 7.272.
8:30 p.m. Tuesday's - ORCA Digital Net. Using FLDIGI, FLMSG AND FLAMP – 3.581 +, 1500/MFSK32.
8:00 p.m. Wednesday – Panguitch Net – 147.160.
7: pm. Thursday– Morse Code Net- This is a Zoom Meeting.
8:30 p.m. Thursday's - WDN Digital Net. Using FLDIGI, FLMSG AND FLAMP – 3.581 +, 1500/MFSK32.
8: p.m. Saturdays – SSTV – 449.925.
9:00 p.m. Daily – Friendship Net – 146.760.
11: a.m. Saturdays (Mtn. Time) QCWA – 160 Net, Utah Chapter,
12: p.m. Freq. 7.272.
8:00 pm. Sunday's – New Harmony Valley Net – Bumblebee Repeater. – 146.680 with a minus offset – PL 100.

Local Repeaters:

Iron Mountain

146.760 MHz – Tone 123.0 Hz
146.980 MHz – Tone 100.0 Hz
448.800 MHz – Tone 100.0 Hz
449.500 MHz – Tone 100.0 Hz
448.400 MHz – Tone 100.0/FM & DMR

Intermountain Intertie:

146.940 MHz – Tone 100.0 Frisco.
146.800 MHz – Tone 100.0 Blow Hard
147.200 MHz + Tone 100.0 Tod's/Hatch
146.820 MHz – Tone 100.0 Utah Hill

Bumblebee/New Harmony:

146.680 MHz – Tone 100.0 Hz

Rowberry:

449.925 MHz – Tone 100.0 VHF Remote

Dutton:

147.160 MHz + Tone 100.0 Hz.

Save The Date

April 9, 2024

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. **Presentation:**
Geo Cashe/Ham Radio Contest.

May 14, 2024

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. **More info to**
follow

June 11, 2024

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. **More info to**
follow

June 9, 2024

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. **More info to**
follow

President's Message Continued from page 1.

Next month we will have James KG7VEI presenting another fun idea for our members to try out.

I encourage you all to play, share, and have fun on the radio! POTA is a lot of fun for both activator and hunters so get on the air and make some contacts. If you are interested in any aspect of HAM radio please explore the topic, experiment, and share what you have done with the group! That is what makes this such a fun hobby! Don't be shy, we are all friends here!

In service,

Fred Govedich (KI7TPD)

Notice

April 9, 2024 RCARC
Membership Meeting
Program Presentation.

James Moore KJ7VEI will be on hand to introduce a Geo Cashe/Ham Radio Contest Presentation.

RCARC Monthly Breakfast

Please come join us on the first Saturday of each month at 9:00 am. for our club breakfast. We meet at the Golden Corral Buffet & Grill (in the back room), 1379 S. Main Street, Cedar City. Their menu offers an unmatched variety of quality foods from breakfast to dinner. See you there.



**Happy Birthday and
Anniversary to those
celebrating in April**



Welcome to Spring

Breakfast Net		Friendship Net		
First Place	Third Place	First Place	WA7GVL - Paul	N7SIY - Sylvia
K7ZI - Dick	KI7WEX - Bonnie	K7NKH - Lee	Second Place	
KC6WFI - Tony	KI7TPD - Fred	K7ZI - Dick	KI7LUM - Bruce	
KZC6ZIM - Johnny	KK6FLO - Dave	KE8OYI - Caleb	KA7J - Lance	
N7SND - Larry	K7ZZQ - Johnny	W9YNK - Benjamin	K7WEP - Paul	
KE8OYI - Caleb	KI7SCX - John	K7HDX - Ron	KJ7LTQ - Brant	
KG7PBX - Linda	N7SIY - Sylvia	KK7FLL Maddie	Third Place	
Second Place		N7WWB - Darlene	KI7TPD - Fred	
K2MFK - Kevin		W6DLW - Dennis	KI7WEZ - Bonnie	
WA7GVL - Paul		W0KLH - Kevin	N7SND - Larry	

**Rainbow Canyons Amateur Radio Club
Treasurer Report Mar 12, 2024**

Bank balance Feb 1,2024 (reconciled)	\$1,497.74
Feb Deposits - membership 2024 KR7KR, KG7PBX, KJ7ZNU, KI7DRE KK6FLO, KK7ZL, KD7HZR, KF7LHR	+ 140.00
Expenses	
Ck# 132 Field Day expense	- 34.02
Rocky mountain Power (98 repeater elec exp)	- 20.69
Bank Balance Feb 1, 2024 (Reconciled)	\$1,583.03
Mar Expenses	
Rocky Mountain Power (due 3/18/2024)	- 19.46
Funds Available afer 3/18/2024	<u>\$1,563.57</u>

Submitted by
Linda Shokrian KG7PBX
2023 RCARC Treasurer
435-867-5914

RCARC Upcoming Events

April 6, 2024 RCARC Breakfast at the Golden Corall on South Main Street, Cedar City.

April 9, 2024 RCARC General Membership Meeting at Cedar City Senior Center. Geo Cashe/Ham Radio Contest Presentation.

April 18, 2024 The Great Shakeout at 10:00 AM. More info to follow.

April 27, 2024 Incident Command (ICS100) refresher presentation at the Heritage Center - 9:00 AM.

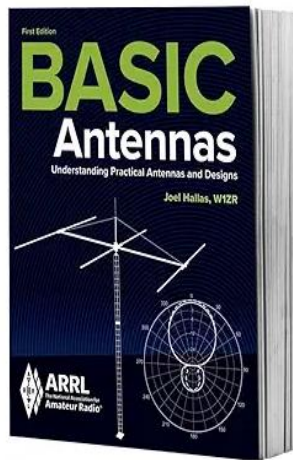
June 15, 2024 RCARC Annual Swap Meet and Go Kit Challenge. Christ the King Catholic Church, 690 Cove Dr, Cedar City, UT 84720, USA.

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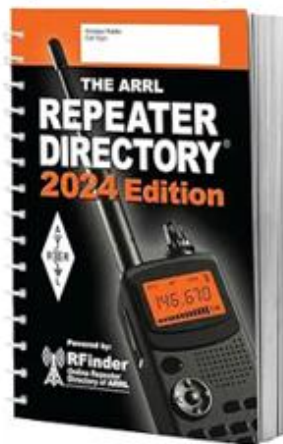
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RCARC Book Giveaway. Books are donated by Linda Shokrian (KG7PBX)

Shown below is the book that will be given away at the April 9, 2024 meeting.



The Book below was given away to Benjamin (W9YNK) At the March 12, 2024 meeting



Congratulations Benjamin See Pic on page 14

Contact Us.

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Newsletter E-mail:

rcarcnewsletter@gmail.com

Website

www.rcarc.info

Face Book Page:

<https://www.facebook.com/groups/440325486875752/>

To Join RCARC or Pay Dues:

Go to www.rcarc.info select "Club Info" and then "Join " RCARC. Follow the instructions on the template.

Make check payable to RCARC.
Please write call sign on check.

Thank You



Please see the below the URLs for the April Edition of the Arizona Desert Aire Waves and Flyers of upcoming events.



April 2024.pdf



HamfestFlyers Reduced.pdf

Double left click to open flyers.



Buzz

Buzz's April Safety Tip(s)



Spring Safety/Severe Weather Tips

With springtime right around the corner and warmer weather on the horizon, it's important to stay hydrated and cool as well as vigilant against insect bites and allergies.

And when you engage in spring activities, you do so safely or not at all.

General Tips

Before venturing outside in spring, be sure to:

- Check the temperature and forecast as the weather can change rapidly in the springtime.
- Dress in appropriate layers for the weather.
- Apply sunscreen to protect your skin.
- Watch out for wet floors and slippery conditions from rain, melting snow, or other issues.
- Check tire pressure on vehicles, the flux in temperature can bring tire pressure down.

Insects

Insects can become a problem in the springtime, especially for individuals who are allergic to insect bites. The most common stinging insects are bees, wasps, hornets, yellow-jackets, and fire ants.

Continued next column

Be vigilant when working outdoors or in certain environments that have the potential for insect stings, and keep allergy and itch relief medicine available.

Allergies

Of course, insects aren't the only source of allergies, especially in the springtime. Spring allergens like tree and grass pollens can trigger symptoms like sneezing, runny or stuffy nose, swollen mucus membranes, coughing, and itchy, watery eyes.

Heat Risk

Though staying hydrated is important all year, it's even more important to do so as the weather starts to warm up. Drink water and remove outer layers if necessary. It's also crucial to be prepared for heat emergencies.

Severe Weather

Severe weather can happen anytime, in any part of the country. Severe weather can include hazardous conditions produced by thunderstorms, including damaging winds, tornadoes, large hail, flooding and flash flooding, and winter storms associated with freezing rain, sleet, snow and strong winds. It's always best to stay inside during these events when you can.

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Spring Safety/Severe Weather Tips

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Know your Risk

Understand the type of hazardous weather that affects you and your family where you live such as:

[Tornadoes](#)

[Floods](#)

[Thunder and Lightning](#)

[Winter Weather](#)

Associated Content

1. [Severe Weather Preparedness Social Media Toolkit](#)
2. [Flood Safety Social Media Toolkit](#)
3. [Lightning Safety Tips and Resources \(weather.gov\)](#)
4. [Community Weather Alerts](#) (YouTube)

Take Action

Develop an emergency plan based on your local weather hazards and practice your plan.

1. [Make a family emergency plan](#)
2. [Be informed about emergency alerts](#)



Letters: Preparing for an EMP Incident

With an increasing number of bad actors with EMP (electromagnetic pulse) devices these days, the disruption of the country's electronic infrastructure is tempting. Many veteran radio amateurs have older V/UHF/HF mobile radios and handhelds; it may be a good idea to store them in a small steel trash can, along with a roll of RG58, mag mount or other kind of antenna, and light line to hoist the antenna into a tree. There is little or no cost involved, and this puts older gear to potential use in an EMP incident.

While not too likely, the military and other government entities do pay attention to the possibility of such an incident that could cripple the internet, power grid, copper pair telephone, and much of the sensitive modern lower voltage circuitry.

Many hams licensed since the end of the cold war may have little or no knowledge of what an EMP blast can do, and how difficult it is to protect against. "When all else fails" means being prepared for the unlikely. -
- Doug McCray, K2QWQ, Southampton, South Jersey

[Here is an [info sheet on electromagnetic pulse](#) from the Washington State Department of Health--Office of Radiation Protection.]
End.





RADIO NEWS

H. GERNSBACK—Editor and Publisher
ROBERT E. LACAULT, Associate Editor

EDITORIAL AND GENERAL OFFICES, 53 PARK PLACE, NEW YORK

Vol. 5

APRIL, 1924

No. 10

Radio Mysteries

By H. GERNSBACK

Of all the arts, radio presents more mysteries than any other. The reason is, perhaps, that the art is as yet quite young. To be sure, we have mysteries, or rather things that we cannot explain in most of the arts. But in a world where we never will know the how and why of most things, it cannot surprise us that in such a complicated science as radio, mysteries abound.

Of course, when we come right down to it, our knowledge is extremely limited. We have played with electricity for a century and a half and yet do not know what it is. We have known life and its mysteries for thousands of years and still we do not know what life really is. As a rule we only know the effects of things, but we do not know the reasons for their existence.

Turning to radio, we find that the radio expert, so-called, will talk glibly about everything connected with his art. He can give you a radio explanation for anything that puzzles you, but even he does not know and probably never will.

Take for instance, *Fading*, one of the common radio mysteries. You listen in with your good three- or four-tube set to a station 1,000 miles away. You do not touch your set at any time, and the concert to which you listen and which comes in strongly suddenly starts to fade out, growing weaker and weaker until finally you cannot hear it at all. Soon the condition reverses itself and the concert comes in, faint at first, then loud, until it is back to normal audibility.

The radio expert will tell you that the answer to this mystery is a common, every day, garden variety of cloud. Says he, a cloud will be interposed between your radio set and the broadcast station, and while the cloud is in the way, the fading occurs. A good explanation. However, your friend sitting at your elbow is using a supersensitive outfit, let us say a super-heterodyne. He does not use an outdoor aerial as you do, but just a loop aerial. He is listening to the same station, and he does not experience any fading at all. The expert will immediately tell you: "Ah, the second set is so sensitive that the few waves that get through the cloud are picked up by the super-heterodyne." Also a good explanation, but somehow not very convincing.

Next on the list are *Dead Spots*. For instance, if you are in a large city surrounded by sky-scrapers or other large buildings, you will find that it is extremely difficult to receive from certain broadcast stations. In other words, you are located in a dead spot where receiving is extremely difficult. We know that large buildings absorb energy and tend to cast a sort of shadow for electromagnetic waves over certain sections, which then become known as dead spots. On the other hand, there are large regions free from any obstructions, and these are also dead spots. Certain parts of the Atlantic coast, which are flat and without obstructions of any kind, are notorious for poor receiving. Here the explanation of buildings as obstructions does not hold good, but these dead spots exist and even the radio expert is hard pressed for a plausible answer to save his face.

Next we come to the *Crystal Records*—a deep thorn in the flesh of every radio expert since radio began, and particularly since the advent of broadcasting. The crystal set is supposed to work only within 15 and probably no more than 25 miles from the average broadcast station. No reputable manufacturer will claim a greater distance. Hundreds and thousands of crystal sets perform well within these limits, but increase the distance to 30 or 40 miles from the broadcast station and a crystal set becomes as silent as a tomb. That is, 99.9 per cent, of them do. On the other hand, every radio paper is daily in receipt of letters from crystal set owners who receive up to 500 and 1,000 miles without any trouble. Moreover, they can cover these distances regularly at will; in other words, not because of freak atmospheric conditions. The radio editors promptly send out investigators to inquire into these extravagant statements, and to their surprise they find that the statements

are true. Here, then, is an impossible situation. The radio expert steps in and says that the crystal set is simply receiving energy from some nearby vacuum tube set, but this is also investigated and found not to be so, because in certain cases investigated there was not a vacuum tube set within a 50-mile radius. Furthermore, a crystal set owner can get stations he wants at will, consequently there could be no question of borrowing the energy from a nearby vacuum tube set. Moreover, the crystal sets that accomplish the impossible often are very mediocre, and as a rule, are home-made, being of the same old circuit with the same old galena crystal. You put it up to the radio expert and he gnashes his teeth, looks wise and talks of more pleasant things.

We next turn our attention to *Body Capacity*; this also presents many conundrums. Body capacity, as every broadcast listener knows, refers to the howling heard in the phones or loud speaker which is produced in your set, particularly when listening in to long distance stations, when the hand is brought near certain parts of the outfit. It is not always necessary to bring the hand near the outfit. For instance, the writer has a large set which is so sensitive to body capacity that when listening to a DX station, if he walks away from the set, the station fades out, but comes in strong again when he walks toward the outfit.

Experts tell us that our bodies act as a sort of condenser plate which, having a certain amount of capacity, disturbs the very fine electrical equilibrium in a vacuum tube outfit. They also tell us that in certain cases the body acts as an aerial and collects waves which tend to upset the electrical balance in the radio outfit when the hand or other parts of the body are brought near it. But we were not convinced by this explanation, so the other day we suspended a large piece of tin sheeting on a string which was attached to a walking cane, and moved the tin sheeting close to the radio outfit while it was in operation. The capacity of this tin sheet was actually larger than that of a man, but strange to say, nothing happened, and it did not disturb the reception to any great extent. To be sure, there was a slight effect, but not at all to be compared with the effect produced by the human body—which causes us to question: Are there many kinds of body capacity, or does another element enter into it, when we put our hand on a condenser knob, bringing forth cat-calls and shrieks in the loud talker? This statement is made with diffidence, because we may immediately start the spiritualists and other cranks to work on body capacity effects. But who knows, perhaps something will come of it if the phenomenon is really investigated by scientists and radio engineers—which so far has not happened.

Then we have our good old friend, or rather arch enemy, *Static*. What our experts and scientists do not know about it would fill many heavy volumes. If you look through the literature on static, you come to the following results: 1, there is no static; 2, there is static; 3, we do not know the origin of static; 4, we know it; 5, static travels in a wave form; 6, static is an electrical surge, and so on, *ad infinitum*. In the meantime, when the conditions for static are really good, that is, in the winter time, when the air is really dry and when static electrical effects are much greater than in the summer, we have no static. But in the summer time, when electrical conditions are poor, and when we should, theoretically not have static, we have whole carloads full of it. Dry, cold air, as everyone knows, is most suitable to produce static electrical phenomena. For instance, in the winter time by rubbing your feet over the rug or carpet, as you walk over it, you can draw long sparks out of your knuckle when presenting it to a radiator or an electrical fixture. On the other hand, when the air is sultry and wet, in the summer time, this experiment does not work.

Of course, the radio expert is ready to give us an extremely good explanation on the subject, but frankly—we do not believe him.

Fred (KI7TPD) and Bonnie (WI7WEX) travel to Gold Butte National Monument for a little R&R and to play radio.



Gold Butte National Monument

Gold Butte National Monument covers nearly 300,000 acres of remote and rugged desert landscape in southeastern Nevada, where dramatically chiseled red sandstone, twisting canyons, and tree-clad mountains punctuate desolate stretches of the Mojave Desert. The brightly hued sandstone provides a stunning canvas for the area's famously beautiful rock art, and the desert provides critical habitat. The area is popular for outdoor recreation, and visitors to the monument can hike to rock art sites, drive the Gold Butte Backcountry Byway to the area's namesake mining ghost town, hunt desert bighorn sheep, or tour the area's peaks and canyons on horseback.



Fred (KI7TPD) adjusting the controls on his radio.



Fred's (KI7TPD) portable HF Ventenna Antenna setting on his Faraday blanket used as a ground plane.

RCARC March Club Breakfast Pictures



Maddie (KK7FLL), Brant (KJ7LTQ) and Fred (KI7TPD) hanging out at breakfast.



Club Members enjoying breakfast



Linda (KG7PBX), George (AL7BX) and Brian (KG7OOW) in conversation



Brody (K7VXV) and the gang at breakfast

Continued on page

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Iron County Office of Emergency Management (OEM) E-Comm. Unit participates in Southwest Utah Healthcare Coalition Quarterly Exercise.

The Southwest Utah Healthcare Coalition Exercise is a communications exercise for Emergency Support Function 8, Public Health & Medical Services, and the Southwest Utah Healthcare Coalition. The purpose of this drill is to practice and validate emergency communication capabilities among healthcare facilities, emergency management, and other key partners in the Southwest Region of Utah.

On Tuesday March 5, 2024 E-Comm. members staffed the Radio Communication Room at Cedar City Hospital and SWUPHD Facility to assist in the exercise.

Pictured below at Cedar City Hospital is Jack Colter (KG7VEJ) covering the digital portion of the exercise and Dennis West (W6DLW) covering the VHF/UHF portion. Brad Biedermann (WA7HHE) was assisting with guidance and back up support.

Ken Richter (K7KR) was at the SWUPHD along with Austin Smith (W1EPR).

Pictures of Brad, Ken and Austin were not available.

See pictures below:



Dennis (W6DLW) conducting roll call with Iron County EComm Exercise Participants. End.



Jack (KG7VEJ) working digital messaging between Cedar City Hospital and Public Health in the St. George.

Continued next column

FCC to Require Two Factor Authentication for CORES Users

The Federal Communications Commission (FCC) has announced an upcoming change to the [Commission Registration System \(CORES\)](#) that licensees use to pay any application or regulatory fees, manage or reset a password on an existing FRN, or request a new FRN. Beginning March 29, 2024, multifactor authentication will be implemented. Users will be prompted to request a six-digit secondary verification code, which will be sent to the email address(es) associated with each username. The user will then need to enter the code into CORES before they can continue.

In a [public notice](#), the FCC said this change will make the system more secure.

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RCARC looking back to April 2020



Fred (K17TPD) conducting the business portion of the meeting.



RCARC Monthly breakfast at the Pastry Pub.



Summer Field Day Planning Committee Meeting.



Ken (KR7KR) and George (AL7BX) working on Dennis (W6DLW) Flag Pole Antenna Project.



Ed (KK7ZL) mentoring Terry West on how to solder.



Don Blanchard (WA7GTU) (SK) conducting a portion of the Technician Class.

Continued next column

RCARC March Club Breakfast Pictures

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Tim (KI7LVC) and Tammy (KI7LVB) in conversation with the group.



Happy Spring Everyone

Amateur Radio Stands Ready to Support Eclipse Operations

The upcoming April 8, 2024, solar eclipse has many excited about the opportunity to witness the darkness of totality. Spectators from across the country are traveling to the path of total darkness that will stretch from South Texas to Northeastern Maine.

Some states are anticipating more than a million travelers for the event. In the impacted areas, schools will be letting students out early for the day, and residents are being encouraged to avoid driving on the day of the event. Emergency response organizations are adding staff for the event in many areas. The eclipse is expected to directly impact parts of 14 states as it moves across the country. The travel impact alone could be substantial.



The second "diamond ring" phase of the 2017 Great American Eclipse, as seen in Madras, Oregon. [Sierra Harrop, W5DX, photo]

In preparation for the event, many state emergency management organizations have called on local hams to provide communication services via HF nets and locally on VHF/UHF frequencies.

There have been numerous planning meetings, exercises, and preparations across the country. The [ARRL Emergency Management department](#) has worked with ARRL Section Emergency Coordinators and Section Managers in the directly affected areas to collect the frequencies each Section plans to utilize, and to assist in any frequency conflicts.

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Amateur Radio Stands Ready to Support Eclipse Operations

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Hams across multiple states and ARRL Sections have been practicing their communications capabilities via Winlink, SSB, and CW. "It is great to see Sections along the path working together to be prepared to assist in any emergency, should it occur during the event," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Heavy traffic is the major concern, but [anything can happen] during such a large event," he added.

Johnston went on to say, "There will be several on-air operating events on the day of the eclipse, but please give some space for any emergency traffic that may be taking place as well."

Ham Radio Science Citizen Investigation (HamSCI) is leading the [Solar Eclipse QSO Party](#) which will allow radio amateurs to participate in propagation research by operating during the eclipse and submitting their logs. Much of that activity will be focused on the FT8 frequencies of the non-World Administrative Radio Conference (WARC) HF bands, but all modes will be welcome during the event. End.

2024 ARRL Field Day Theme: Be Radio Active

The theme for 2024 ARRL Field Day is "Be Radio Active." The event will run on June 22 - 23, and it will be one-part contest, one-part emergency communications exercise, and one-part open house -- and a great time.

The theme encourages radio amateurs to take advantage of the peak of Solar Cycle 25, which we are nearing. Activity this year is likely to be extremely high thanks to favorable solar conditions. The upper HF bands, such as 15 and 10 meters, should benefit most from the Cycle's peak.

Continued next column



There are resources available already for clubs and individuals to make their Field Day plans. ARRL will publish more information and tools so that hams can make the most of the event as it draws near. Amateurs interested in learning more are invited to join the [Field Day Facebook](#) group to connect with others who are planning for the big weekend.

Find links to all of the resources on the ARRL Field Day web page at www.arrl.org/field-day.

FCC to Require Two Factor Authentication for CORES Users

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"This additional layer of security will further safeguard against unauthorized access, thereby enhancing the overall integrity of information contained within the CORES system and improving the security of user data," it read.

The FCC recommends that users confirm they have access to their username account email and to add a secondary email address, if need be.

Resources are available for those who need assistance with the system. For inquiries or assistance regarding the implementation of multifactor authentication on CORES, submit a help request at <https://www.fcc.gov/wtbhelp>, or call the FCC at 877-480-3201 (Monday through Friday, 8 AM to 6 PM ET).

RCARC March Club Meeting and Presentation Pictures



Members arriving and waiting for meeting to start.



Fred (KI7TPD) calling the meeting to order.

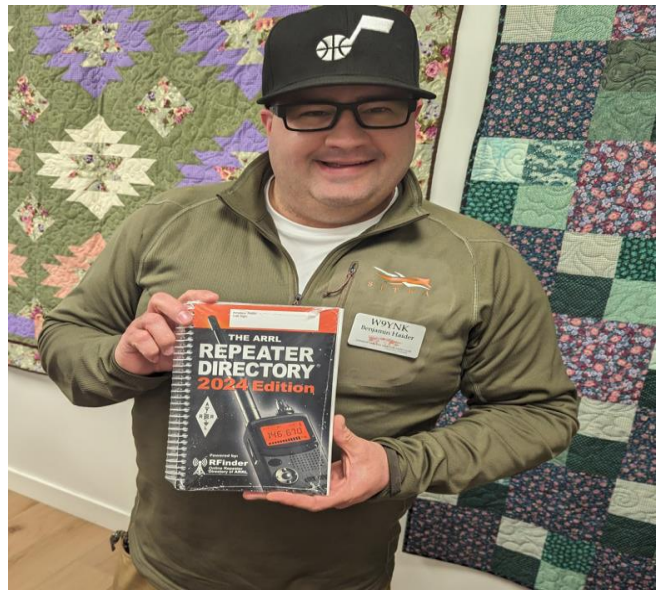


Members citing the Pledge of Allegiance.

Continue next column



George (AL7BX) giving the repeater update and a history presentation on QSL Cards.



Benjamin (W9YNK) won the book giveaway. The 2024 ARRL Repeater Book. Congratulations Benjamin.



Fred (KI7TPD) Presenting his Go Bag Presentation.

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International Marconi Day 2024

This year, International Marconi Day (IMD) is on April 27. Italian inventor and electrical engineer Guglielmo Giovanni Maria Marconi was born on April 25, 1874, and is credited for inventing the radiotelegraph system, creating Marconi's law, and sending the first wireless transmission over the open sea.



IMD was created to honor Marconi and is hosted annually by the [Cornish Radio Amateur Club](#), GX4CRC. The purpose of the day is for amateur radio enthusiasts around the world to contact historic Marconi sites using communication techniques similar to those that he would have used.

The 24-hour event will operate from 0000 UTC to 2359 UTC, and registration is required. Participants can register at [GX4CRC's registration web page](#).

Stations in the United States, including Marconi Cape Cod Radio Club, KM1CC, in Massachusetts, are already registering for the event.

KM1CC hosts several on-air events each year to keep the accomplishments and story of Marconi and his wireless station site in South Wellfleet alive. In 1975, the Wellfleet station was listed as a National Historic Landmark on the National Register of Historic Places and is now part of Cape Cod National Seashore, a unit of the National Park Service. When possible, KM1CC sets up a temporary radio station inside the park. More information about KM1CC is available on their [Facebook](#) page.

RCARC March General Class

Thursday March 7, 2024 RCARC hosted the first of ten General Class License sessions. The first session covered Introduction and Sub-Elements **G1** - A, B, C, D and E with Dennis West (W6DLW).

Sub Elements **G2** – A, B, C, D and E with Ron Shelley (K7HDX).

The second session on March 14, 2024 covered Sub-Elements **G3** – A, B and C with Dick Parker.

Sub-Elements **G4** – A, B, C, D and E with Fred Govedich (K17TPD).

The third session on March 21, 2024 covered Sub-Elements **G5** – A, B and C with Ken Richter.

Sub-Elements **G6** – A and B with Gavin Hollinger (KC7IHE).

The fourth session on March 28, 2024 covered Sub-Elements **G7**- A and B with Gavin Hollinger (KC7IHE).

Sub-Elements **G8** - A, B and C with Lance Jackson (KA7J).

The fifth session on April 4, 2024 will cover Sub-Elements **G9** – A, B, C and D with Bill Stenger (K6QOG).

Sub-Elements **G0** – A and B with Bonnie Bain (K17WEX).

Ron Shelley (K7HDX) will present what you need to know to take the test.

The testing will commence at 6: 00PM on April 11, 2024, VE. Examiners.

See Pics of first session below:



General Class participants waiting for the first session to start.

Continued on page 18

Rainbo Canyons Amateur Radio Club Radio Gear Swap Meet and Go Kit Challenge



Come sell you're
your stuff \$\$\$\$\$

Just
South of
the
Temple

Date	Saturday, June 15, 2024
Set Up	8:00 AM.
Start/End Time	9:00 AM through 12:00 or 1:00 PM.
Location	Christ the King Catholic Church, 690 Cove Drive, Cedar City, Ut 84720. In the Pavilion to rear of church.



Church
Pavilion

Go Kit Challenge

Further information on the Go Kit Challenge is forth coming.
Please save the date.

Happy Easter!

RCARC March General Class

Continued from page 16

The Ham

By: James C. Wheeler (W5IO)



First session is underway and Dennis (W6DLW) is talking with class attendees.



Ron (K7HDX) presenting his portion of the class to the attendees.



There are these bunch of guys I know who like to talk on the radio.

Around the clock both night and day they never run out of something to say.

They talk to each other about this and that, about problems of the world and how to combat.

New Friendships are born both far and near while enjoying this hobby they hold so dear.

They provide the world and our nation with a constant flow of information.

From humor to technical the subject may run as it's all in good taste it's all in fun.

While old timers tell of how-to home brew some sit and talk while sipping a few.

Newcomers join in rather timid at first only to learn they could have done worse.

A wonderful hobby this ham radio game compared to some it may seem rather tame.

Then comes along a need or disaster and no others can act any faster.

They load up their gear without hesitation and head for the field with emergency stations.

They ask for no pay they cannot accept all this is for caring no fees are set.

This is the time when there is no phone but because of their hobby you can call home.

Your family assured that you are okay re-enforces the spirit they work in this way.

And when it's all over they return to their shack resume their chatter and never look back.

Celebrating Radio Women on International Women's Day

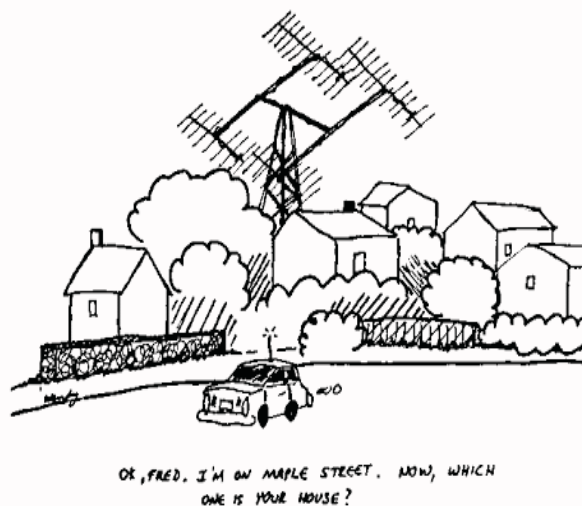
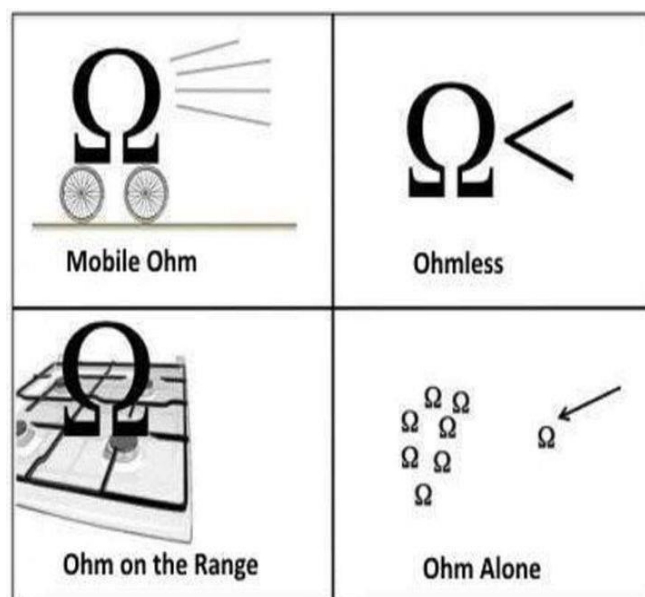


On Friday, March 8, three women from the Ellsworth Amateur Wireless Association -- Joan Hildreth, W1DLC; Barbara MacPike, KC1SSY, and Marion Mason, N3OA -- operated from the Fabbri Picnic Area at Acadia National Park in Maine as part of the Young Ladies Radio League's International Women's Day YL POTA Party. The team made 70 contacts, reaching as far as Poland, Italy, and Germany operating DX, and in the states, reaching Wisconsin, Colorado, Texas, and Florida. They operated with a Yaesu FT-891, 25 W, and a 40-, 20-, and 15-meter end-fed half-wave antenna. The weather, although chilly, was sunny and inspiring for early March. It was a memorable way to honor the achievements of women in amateur radio. #YL_POTA_PARTY

By Marion Mason, N3OA



Ham Humor



Field Day Countdown

Field Day is just about 3 away, and now is the time for your club to plan for the event. Many of the details of this event should not be left to the last minute. With hopes of pointing clubs in the right direction, here are a few tips that may help.

1. Plan your location with a few questions in mind.

- a. Will you have public traffic around your site, and are the antennas you will be using mindful of safety?
- b. Is your site on property that requires supplying an insurance certificate to the owners? Many public sites require this.
- c. Are you planning to create signs telling the public what you are doing and inviting them to learn more?
- d. Does the site have adequate parking and access? Remember, Field Day is a 24-hour operation. You don't want to get locked in or out of your location, especially once it's dark.
- e. Have you reviewed the safety requirements for fueling and grounding your generator? Noise may be an issue if you are on a public site.
- f. How do you plan to keep the site clean and uncluttered for pictures

2. Contact the local media to invite them to your site.

- a. Local newspapers
- b. Local television networks
- c. Plan to have someone that can serve as a guide, answer questions, and direct pictures.

Continued next column

3. Operator planning is essential. Create a schedule of operators.

- a. Think about whether you will operate for the full 24 hours or not.
- b. Invite new hams to learn by logging and operating.
- c. Don't forget to think about having relief operators.

4. Consider contacting your local served agencies to demonstrate the capabilities of hams in an emergency.

- a. Local emergency management
- b. American Red Cross
- c. Local police, fire, and ambulance companies
- d. Other local agencies that may be involved with shelter management

Field Day is what you want to make of it. Treat it like a contest and see how many contacts you can make, make it an emergency drill, use it for outreach to the public, or make it a social event for your club and include having fun on the radio. Field Day is all about having fun and showcasing the different aspects of amateur radio. Make your Field Day an event that the club will learn from, and, most importantly, have fun!

Find the complete list of Field Day resources at field-day.arrl.org. END

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Please check out the URL below to get the most current Ham Radio News both in Audio & Script format. Scroll down the web page for earlier news versions.

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