

RAINBOW CANYONS AMATEUR RADIO CLUB NEWSLETTER



Club Website: www.rcarc.info Number 7– Vol. 1 January 2025

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.

2025 Club Officer's

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W6DLW

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CQ, CQ, Happy New Year Everyone



Presidents Message

Dear Fellow Amateur Radio Operators,

I hope you had a great Christmas! The RCARC Christmas party was a lot of fun as usual and I hope everyone enjoyed themselves. Winter is finally here with colder temperatures and snow. The bands are active and hope everyone can get on the air (with your new Christmas radios! ;-)) and make some contacts around the world. Our next big activity is Winter Field Day and is a great opportunity to come out and get on the air and everyone is welcome. Winter Field Day will be held on January 25-26, 2025. We will be using the N7U callsign and we will be set up at the Iron County EOC located on Kittyhawk just like last year. For those who are interested in participating please let me know! Be prepared for cold weather!

Continued on Page 2

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

January 14, 2025

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. [Kent from K&N
Antennas will present some new
antenna Designs.](#)

February 11, 2025

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. [More info to
follow](#)

March 11, 2025

RCARC Club Meeting.

7:00 pm. Cedar City Senior Center,
489 E. 200 South. [More info to
follow](#)

April 15, 2025

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.

Remember if you need help with setting up your radio, software, or other equipment please ask your fellow HAMS for help. Part of the fun is helping others! As always, I would like to thank everyone who makes our meetings great by asking questions. I would also like to thank all of our net controls for the nets and everyone who participates!

Cheers!
Fred (K17TPD)



Recent Ham License Testing

December 10, 2024 Ham License Testing results.

1. James Lannon, (KK7WLC), upgraded too General.
2. Kevin A. Willion (KK7YCK) passed his Technician Class Exam.

Congratulations to you both.

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 January

Happy New Year

Breakfast & Friendship Net Awards

December 2024

Breakfast Net		Friendship Net		
First Place	Second Place	First Place	KK7UBC - Tommy	Third Place
K7ZI - Dick	K2MFK - Kevin	K7HDX - Ron	N7WWB - Darlene	KJ7LTQ - Brant
KE6ZIM - Johnny	W0KZLH - Kevin	K7NKH - Lee	Second Place	
KG7PBX - Linda	Third Place	KK7ZI - Dick	KI7LUM - Bruce	
KI7SCX - John	KK6FLO - Dave	KA7J - Lance	W0KLH - Kevin	
KI7TPD - Fred		KE8OYI - Caleb	W6DLW - Dennis	
KI7WEX - Bonnie		KI7LVB - Tammy	W9YNK - Benjamin	
N7SND - Larry		KI7LVC - Tim		
		KI7TPD - Fred		
		KI7WEX - Bonnie		

Rainbow Canyons Amateur Radio Club Treasurer Report Dec 10, 2024

Bank balance Nov 1, 2024	\$2,951.49
Membership W7AEA, K7AK, KE6ZIM, KG7VVN, KI7DQZ, W6DLW family	+ 95.00
Donation	+ 20.00
Expenses Rocky mountain Power (98 repeater elec exp)	- 22.72
 Bank Balance Nov 30, 2024	 \$3,043.77
Dec Expenses Rocky Mountain Power (due 12/17/2024)	- 21.82
 Funds Available after 12/17/2024	 \$ 3,021.95

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

RCARC Upcoming Events

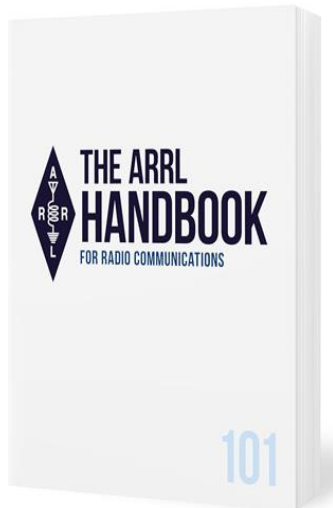
- January 4, 2025 at 9:00 am. RCARC monthly club breakfast. Cedar City. Golden Corral Restaurant, South Main Street, Cedar City.
- January 14, 2025 at 7:00 pm. RCARC Monthly Membership Meeting. Cedar City Senior Center at 489 E. 200 S. Presentation: Kent from K&N Antennas will share some new antenna designs.
- Winter Field Day, January 25 – 26, 2025 at the Iron County EOC. Set up at 9:00 am. on Saturday the 25th. See article on page 16.

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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 January 14, 2025 meeting.



A BOOK WAS NOT GIVEN AWAY IN DECEMBER

Contact Us.

Mailing Address:

195 E. Fiddler's Canyon Road #3.
Cedar City, Utah 84721

Club E-mail:

cedarcity.rcarc@gmail.com

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

A Great Big Thank You

A great big thank you goes out to Hugo Ramos (KC9OSA) for his generous donation of 6 collapsible Safety Cones for the RCARC Antenna Tower Trailer.





Buzz's January Safety Tip(s)



Introduction

Safety begins with a proper attitude. Make it a habit to plan your work carefully and always consider the safety aspects of your Ham Radio activities. It is also important to learn as much as possible about what could *go wrong* so we can avoid factors that might result in accidents. Amateur Radio activities are not inherently hazardous, but like many things in modern life, it pays to be informed. Stated another way, while we long to be creative and innovative, there is the need to act responsibly. A good attitude toward safety also requires us to be knowledgeable about common safety guidelines and follow them faithfully.

Here are some safety tips for ham radio:

- **Grounding:** Ensure all equipment is grounded to prevent static charges and electric shock.
- **Electrical safety:** Make sure all wires are the proper size and quality, and that equipment is connected to a good earth. Have a master switch to turn off all wiring connections.
- **RF exposure:** Reduce your average transmitter power, especially in the VHF bands. You can also relocate your antenna away from people or extend it higher. The FCC has set limits on RF energy exposure, and you can use the ARRL's RF Exposure Calculator to assess your station.
- **Lightning protection:** Design your station to protect against lightning.
- **Tools and PPE:** Wear appropriate eye and foot protection when working with tools.

- **Work area:** Keep your work area clean and free of unnecessary materials.
- **Emergency:** Ensure everyone in your household knows how to turn off the power to your station. Have a fire extinguisher suitable for electrical fires.
- **Working on equipment:** Ensure equipment is switched off and unplugged before working on it. Discharge any capacitors. If you must work on live equipment, keep one hand in your pocket and remove all metal jewelry.
- **Old radios:** Old radios with obsolete two wire plugs can be a safety hazard. End



Continued next column

Ham Radio Emergency Frequencies and Common Uses

Being able to operate a ham radio isn't just a skill for survivalists, preppers, or first responders. In a situation where usual communication systems fail, anyone can benefit from knowing how to use this important tool. A ham radio can help keep you safe and connected in our unpredictable world, making it a valuable addition to any [bug-out bag](#).

Understanding how to use these radios and their emergency frequencies is a practical skill that could make a significant difference when it matters most. In this article, we'll cover common emergency frequencies and why ham radios are an excellent resource in emergencies.

See Ham Radio Emergency Frequencies on page 8

Ham Radios & Emergency Communication

[Ham radios](#) continue to play an instrumental role in emergency communications for both professionals and amateurs. They provide a range of benefits that cell phones, CB radios, and other communication methods can't offer.

To use a ham radio, you'll need to get a license and call sign. Once you have this, we recommend joining a local amateur radio club to refine your skills and practice. To get even more prepared, study the emergency communication protocols. If you're traveling out of state or out of the country, familiarize yourself with the local repeater directory. You can find more information about US-based repeaters [here](#) and in the ARRL repeater [directory](#).

While natural disasters and end-of-world events are often cited as reasons to own a ham radio, there are other more common situations where a ham radio might just keep you safe:

- If you're hiking and misplace your cell phone, you can use a ham radio to communicate with your family and let them know you're ok.
- If your car battery dies and you're out of cell range, a ham radio can help you communicate and get help
- If you need to lay low and don't want to be tracked via cell phone, you can program a ham radio to pick up radio stations and weather stations so you stay in the loop. You can also communicate when needed.

Ham Radio Benefits During Emergencies Versatility

Ham radios are versatile in more ways than one. Ham radio operators can access a wide range of frequencies to transmit all over the world. If conditions are right and the equipment is solid, you can reach virtually anywhere with crystal-clear communication.

Using frequencies means ham radios don't have to rely on cell towers, phone lines, or ISP (internet service providers). Because this infrastructure will likely be down or overused in an emergency, a ham radio is a preferred option. Ham radios can support various modes of communication, including voice, text, and even digital data. Some radios can even send and receive email over radio waves.

Well Supported

The vast community of ham radio operators reaches every corner of the world and has many individuals who are experienced in emergency communication. These operators practice and train for emergency situations and doomsday events, so providing emergency services is part of their skill set.

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RADIO NEWS

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

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JANUARY, 1935

No. 7

The Radio Experimenter

By HUGO GERNSBACK

THE radio experimenter is the outcome of a most unique situation which probably has no parallel in all science. Briefly the situation is as follows: All about us, at almost every hour of the day, there is floating through space music, information, news and every other form of entertainment. But in order to take advantage of this absolutely free entertainment we must first have a key to unlock this invisible universe. There are two ways of accomplishing it. The first is to step in at the nearest radio store and buy a complete radio outfit. The second is to make the outfit yourself.

The first method is simplicity itself, and one need know nothing about radio to receive all the free entertainment. The other method is not so simple but is vastly more interesting and exciting. As a matter of fact, to build a radio set yourself for the first time is a vast adventure with unending thrills and excitement. Moreover, no parallel can be found anywhere in our modern civilization for these reasons: Have you ever heard of anyone making his own phonograph? There may be a dozen such individuals scattered over the world, but we have never met one, unless he was in the phonograph business or an inventor.

Or, have any of your acquaintances ever built an automobile? There may perhaps be a few individuals who have done it, but we have never met such an individual. There are, however, good reasons why it is not done. You cannot step into a phonograph store and buy every article necessary to build a complete phonograph. They will sell you spare parts of certain items, but no one would ever think of trying to assemble a complete phonograph in this manner. The same with an automobile. You cannot step into the next automobile accessory store and buy all the parts for a complete machine.

With radio, however, this situation is vastly different. There is hardly a radio store that does not invite the radio experimenter to step in and buy parts—or, as our English friends call them, components—with which to build his latest pet hook-up. There is not a single item from a loose coupler down to a screw, from a finished cabinet down to the smallest lug that the radio experimenter cannot readily secure. And he gets them now at prices, thanks to competition, that are extraordinarily low.

The dyed-in-the-wool radio experimenter usually starts in with a crystal set or a one tube affair. He reads every available scrap of radio information, radio magazines, Saturday Radio Supplements, books, and what not, and soon becomes perfect in distinguishing a good circuit from a bad one.

And right here we may let the uninitiated in on a deep and dark secret. In spite of thousands of radio hook-ups printed every month, there are only about a dozen fundamental circuits. Just as you can get thousands of different colors and shades from the seven original colors, just so can you derive thousands of radio hook-ups from the few fundamental circuits. Of course each new hook-up is supposed to have special

points of superiority above all others, and it is this point that the radio experimenter investigates carefully. He rarely builds what would be known as a "classy" set. It is true that he may build a few for his friends and maybe one or two for himself, but as a rule he just uses a "hook-up board" on which he scatters his various radio components which he hooks and unhooks with various wires, etc., every time he sees a new circuit.

Every experimenter has his own pet hook-up which, for one reason or another, gives "the most wonderful results imaginable" and every radio experimenter will gladly show you how, by means of this particular hook-up, he can bring in stations further away than will any factory built set in existence. Strange to say, however, he actually accomplishes this every once in a while; this, by the way, does not necessarily frighten the set manufacturers out of their wits. Despite such handicaps they manage to get along!

Then again if the experimenter wishes to build a really good set for himself, it is not a matter of great cost nowadays. He can build a good set cheaply himself, in fact, for much less than a manufacturer can sell the same set, for obvious reasons. The radio experimenter has no labor or advertising costing huge amounts. The manufacturer uses expensive labor and many other like items which the experimenter does not have to consider. And let it be said to the everlasting credit of the radio industry, that the radio set manufacturers actually encourage the experimenters. Many manufacturers sell complete "kits" all ready for wiring, so that anyone, with only the aid of a screwdriver and pliers may build his own. In other words, the radio industry recognizes the fact that the radio experimenter is a powerful force in the community.

In one point the radio experimenter has it all over the man who buys the ready-made article. No \$500 set can ever thrill its owner as a \$20 self-assembled set thrills the experimenter. It is characteristic of the American genius that more and more individuals are beginning to build their own outfits. There really is nothing more fascinating in existence. And then there is the great fun of adding new inventions and new developments to your set as time goes on, for a radio set today is as much alive as a tree. It grows slowly but surely, and seemingly never grows old. Small wonder then that a very large number of people who bought ready-made sets have been converted into radio experimenters.

Many people have an idea that radio experimenting will soon stop. The argument is that everybody will own a factory-made set and then there will be no reason for experimenting. The writer emphatically disagrees with these good people; radio experimenting will increase rather than decrease. There will always be the lure of new things to be tried out. During the next three years radio television will come to the front. Just think what a new radio paradise this new art will open up to all radio experimenters. Many people even though they own expensive radio sets will certainly wish to attach a television apparatus to their sets; we are much nearer to this phase of radio than most people think.

Ham Radio Emergency Frequencies and Common Uses

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Solar and Battery Operation

Some ham radios can be powered by batteries or solar power, allowing them to operate even when the electrical grid is down.

Regulation and Organization

Amateur radio is regulated and organized, with operators required to pass an exam to be licensed. This means that there are established procedures for emergency communication. In a chaotic situation, licensure and regulations ensure amateur radio operators communicate effectively during the chaos.

Global Reach

In extreme situations, such as natural disasters that impact an entire region, ham radio operators can reach out to others around the world to share information and request assistance.

Disaster Support

Ham radio operators often volunteer their skills to support disaster response efforts by government agencies, non-profit organizations, and emergency response teams.

They often form a “net” on a popular repeater where a moderator will continuously repeat weather updates or other helpful information about the situation. They also allow for call-ins, so anyone who needs assistance can request help.

For these reasons and more, ham radio has earned a reputation as a reliable means of emergency communication and continues to be a valuable resource in disaster preparedness and response.



Ham Radio Emergency Frequencies	
Frequency	Common Usage
34.90 MHz	Nationwide emergency channel for the National Guard.
39.46 MHz	Emergency communication channel for local and state police.
47.42 MHz	Nationwide relief operations channel for the Red Cross.
52.525 MHz	FM calling frequency for ham radio operators in their six-meter band, especially active during exceptional propagation conditions.
121.50 MHz	International aeronautical emergency frequency.
138.225 MHz	Primary FEMA channel for disaster relief operations.
146.52 MHz	Ham radio frequency for non-repeater communications on the two-meter band.
151.625 MHz	Utilized by mobile businesses such as circuses, exhibitions, trade shows, and sports teams. Other channels in use are 154.57 and 154.60 MHz.
154.28 MHz	Local fire department emergency communication channel. Additional frequencies include 154.265 and 154.295 MHz.
155.160 MHz	Local and state agency channel for search and rescue operations.
155.475 MHz	Local and state police emergency communication channel.
156.75 MHz	International maritime weather alerts channel.
156.80 MHz	International maritime distress, calling, and safety channel.
162.40 MHz to 162.55 MHz	Series of channels used for NOAA weather broadcasts and bulletins. Also 163.275 MHz.
163.4875 MHz	Nationwide emergency channel for the National Guard.
163.5125 MHz	National disaster preparedness frequency for the armed forces.
164.50 MHz	National communication channel for the Department of Housing and Urban Development.
168.55 MHz	Federal civilian agency channel for emergencies and disasters. 243.00 MHz: Military aviation emergency channel.
259.70 MHz and 296.80 MHz	Frequencies for the Space Shuttle during re-entry and landing.
311.00 MHz and 319.40 MHz	Active U.S. Air Force in-flight channels.
317.70 MHz and 317.80 MHz	Active channels for U.S. Coast Guard aviation.
340.20 MHz	Active channel for U.S. Navy aviation.
409.20 MHz	National communication channel for the Interstate Commerce Commission.
409.625 MHz	National communication channel for the Department of State.
462.675 MHz	General Mobile Radio Service channel for emergency communication and traveler assistance.

RCARC December Christmas Breakfast Pictures from Linda Shokrian's Residence.



The food line moving around the table.



Several of the dishes available to the attendees.



Additional dishes available.



K7ZI Dick Parker's delightful Dutch Oven Potato's.



Attendees enjoying their breakfast choices.



The rest of the gang enjoying breakfast.

Thank you, Linda, for opening your home to the club.

Continued next column



Reminder RCARC Dues are coming Due

Hello everyone, Buzz here with a reminder that the club dues are coming due at the end of this month

For information in regards to RCARC dues contact Linda Shokrian (KG7PBX) at (435-867-5914 or fill out and submit the dues form.

RCARC CLUB DUES ARE NOW DUE

Rainbow Canyons Amateur Radio Club (RCARC)

Please fill out the below form with the applicable information. Check the individual or family membership. If family members are hams, please add their name and call signs in the space provided.

Name		
Call Sign		
Address		
City, Street and Zip Code.		
Phone		
E-mail		
Dues	\$ 15.00 Individual	\$ 20.00 Family
Family	Name: Name: Name: Name:	Call Sign: Call Sign: Call Sign: Call Sign:

Please submit payment to:

Linda Shokrian (KG7PBX) at 2438 W. Carmel Canyon Drive. Cedar City, Utah 84720.

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

At the December 2024 RCARC General Membership Meeting the following Members were elected as the 2025 Club Board Officers:

Position	Name	Call Sign
President	Fred Govedich	KI7TPD
Vice President	Ron Shelley	K7HDX
Secretary	Bonnie Bain	KI7WEX
Treasurer	Linda Shokrian	KG7PBX
Newsletter Editor/Historian	Dennis L. West	W6DLW

RCARC December Christmas Party and Meeting Pictures



A few of the items that were given away during the Christmas Dinner. More prizes were added prior to the drawing.



Room set up about completed.



Ron (K7HDX) and Terry West bringing chairs down from upstairs.



Terry West and Bonnie (K17WEX) preparing the different smoked cheese blocks for serving.



Fred (K17TPD) moving chairs as well.



Members visiting while waiting for the event to start.

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Continued next column

Utah VHF Society

Dues are Due

If you wish to renew or join follow the below described methods or go to:

http://utahvhfs.org/uvhfs_join_renew.html
and follow the instruction there.

If you wish to mail a check, dues may be sent to:
Utah VHF Society
P.O. Box 482
Bountiful, UT 84011-0482

The PayPal account address for the Utah VHF Society is:

paypal@utahvhfs.org

- **IMPORTANT:** Please note that the above email address is pronounced "Pay Pal at Utah Vee Aiche Eff Ess dot Org"
- **PLEASE** check the spelling of the email address to which you are sending your payment and make sure that it is correct and has the word "UTAH" in it - and then check again before you send your payment!

Please note that this is not a link, but the address to which you should send your payment after you log into PayPal. At the moment, we don't have a "shopping cart" set up for PayPal - sorry.

If you have a PayPal account, follow these easy steps:

Log into your PayPal account

5. Click on the "**Send Money**" tab
6. Where it says "**To**", enter the Utah VHF Society's PayPal address: paypal@utahvhfs.org
7. The **preferred** way to pay is via the **Hamclubonline web site - link**: If you haven't been to this site and created an account, see the sidebar to the right.
 1. **To minimize the fees associated with online payment, we requires that you renew for at least two years at a time.**

1. Select "**Purchase**" and select either "**Goods**" or "**Services**". *Please do not select anything under the "Personal" tab.*
2. Hit the "**Continue**" button. This will take you to a new screen.
3. Select your method of payment and hit the "**Send Money**" button
4. **Thank you for your support!**

If you *don't* have PayPal, don't worry - you can still pay by check/mail to the address above, or in person at the next swap meet.

When you pay via PayPal, please include the following:

- Under "**Subject**" please put "Utah VHF Society Dues for <your name>" - remembering to put your name in there.
- Under "**Message**" please include:
 - **Your name, address and phone number.** Also note if you do **NOT** want your name, address and/or phone number to appear in the Utah VHF Society booklet.
 - **Your callsign** - if you have one.
 - Whether or not you would like to be included on the net roster. If you don't say "yes" we'll assume that you don't check in on that net regularly.
 - Indicate whether or not you are a member of ARRL.

The Utah VHF Society is a non-profit (*IRS501c3*) organization founded in 1968 to promote the installation and use of VHF amateur repeaters throughout Utah. The Society also provides financial support for aligned repeaters and serves as frequency coordinator for the state. End.

Iron County's Community Emergency Response Team (CERT) and RCARC Emergency Communications (EComm) Unit Christmas Party

At 5:30 PM on December 5, 2024 RCARC EComm & CERT members gathered at the Cedar City, Heritage Center for the annual Christmas Party get together hosted by (George Colson) Iron County's Office of Emergency Management (OEM).

See Pic's below.



CERT & EComm members visiting prior to the meal being served.



The beginning of serving line.



More great items to choose from.



More goodies to choose from.



Members enjoying dinner and conversation.

Continued on page 14

Continued next column

Iron County's Community Emergency Response Team (CERT) and RCARC Emergency Communications (EComm) Unit Christmas Party

Continued from page 12



Additional members enjoying their dinner.



Looks like some great conversation going on here.



Some of the CERT folks enjoying their meal as well.

RCARC December Christmas Party and Meeting Pictures

Continued from page 11



Ken (KR7KR) and Brody (KG7VXV) getting set up to carve the two-smoked turkey's and two smoked hams.



Brody (KG7VXV) working on the first turkey.



Brody (KG7VXV) and Terry West preparing the ham for serving.

Continued on page 17

Word Search

Future Trends in Ham Radio



FUTURE

TRENDS HAMRADIO

TECHNOLOGY INNOVATION

DEVELOPMENT

DIGITAL COMMUNICATION

EQUIPMENT

SOFTWARE



2025 Winter Field Day

History

In June of 2006, Charles, N5PVL, asked if SPAR (The Society for the Preservation of Amateur Radio) would be interested in sponsoring a Winter Field Day activity. Discussions, proposed rules, and modifications followed, and in September, SPAR's Board of Directors voted to approve sponsoring a Winter Field Day. Next came a flurry of activities to get the word out, and the first Winter Field Day was held just four months later, on January 13-14, 2007. Based on comments from participants, Winter Field Day would soon become an annual event.

Walt (W5ALT) and **Charlie (KY5U)** contributed significantly to the success of SPAR and WFD. However, due to health issues, activity within SPAR slowly declined, and so did their support of WFD.

Because of these health issues and the aging members of SPAR's Board of Directors, there was a delay in scoring and releasing the 2015 WFD results. Members who had participated in WFD over the last nine years were upset, and with no official response from SPAR, rumors spread, and some feared that WFD might fade away. Stepping up to the challenge of keeping WFD alive, a small group of WFD enthusiasts banded together and formed the **Winter Field Day Association (WFDA)**.

In late 2015, the remaining SPAR Board Members handed over the reins and the responsibility of Winter Field Day to the Winter Field Day Association, who scored the 2015 entries, and have been promoting the event ever since.

A WFD committee was formed to oversee the rules and manage the event. Subtle changes to the rules have been made as needed, but the event's purpose has remained the same.

A WFD committee was formed to oversee the rules and manage the event. Subtle changes to the rules have been made as needed, but the event's purpose has remained the same. Through the hard work and dedication of **Tom (W8WFD)**, **Bill (VE3FI)**, **Dave (W3DET)**, **Erik (WX4ET)**, and **Ken (N8KC)**, Winter Field Day has continued to grow and thrive. For many who have participated in WFD over the years, it is no longer just an event but an annual tradition. In 2022, the WFDA processed over 2,500 logs from stations around the world, and once again reigns of Winter Field Day were passed to a new board of directors.

RCARC Winter Field Day Information

This year's RCARC's Winter Field Day Operations will be held at the Iron County Emergency Operations Center (EOC) facility on Kitty Hawk Drive between Bull Dog Road and Airport Road across from the Cedar City Animal Control Office.

Set up will commence at 9 am. On Saturday January 25, 2025 and Winter Field Day will start at 12 pm. and continue for 24 hours until 12 pm. on Sunday January 26, 2025.

Field Day demonstrates ham radio's ability to work reliably under any conditions from almost any location and create an independent communications network. "It's easy for anyone to pick up a computer or smartphone, connect to the Internet and communicate, with no knowledge of how the devices function or connect to each other," said **Sean Kutzko KX9X** of the American Radio Relay League, the National Association for Amateur Radio. "But if there's an interruption of service or you're out of range of a cell tower, you have no way to communicate.

Ham radio functions completely independent of the Internet or cell phone infrastructure, can interface with tablets or smartphones, and can be set up almost anywhere in minutes. That's the beauty of Amateur Radio during a communications outage."

"Hams can literally throw a wire in a tree for an antenna, connect it to a battery-powered transmitter and communicate around the world," Kutzko added.

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RCARC December Christmas Party and Meeting Pictures

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Fred (KI76TPD) brining meeting to order.



Paul (WA7GVL) providing the invocation before dinner.



Members making their way along one of the serving tables.

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Anthony (KC6WFI) being served the Turkey and Ham.



Grant (KJ7LTQ) and daughter Gabby on the way back to their table with the goodies.



Members with plates full and enjoying the dinner.

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QSL Card from Japan

The below QSL Card was received by George (AL7BX) as the trustee for our club call sign (WR7AAA). After some investigation it was determined that the contact was made by Brody (K7VXV) working 15 meters during the Cedar City Iron Mission Day's Event at the Frontier Homestead State Park this past November.

Congratulations Brody

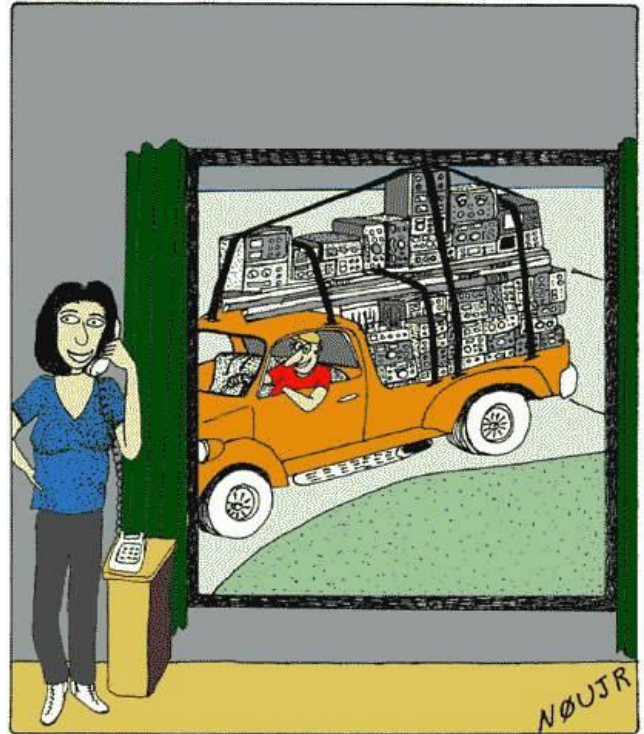


TO RADIO		WR7AAA		CONFIRMING OUR QSO			
DAY	MONTH	YEAR	TIME	RST	BAND	MODE	
9	11	2024	2130	57	21 MHz	SSB	
					MHz		
					MHz		
					MHz		

OP. JE1MMX AKIO 'AKI' KODERA
GTH. 768 Takamatsu-cho, Utsunomiya-city Tochigi, 321-0416

TNX QSL PSE

Ham Humor



"No Greg went to the ham auction this afternoon, to get rid of a couple old radios that were cluttering up the place...Oh I think I hear him pulling in now!"

Copyright © 1999 by Greg Trook, NØUJR



"Harold!!! What are you doing wasting money on more USELESS radio equipment!!!"



Check out the Quartzfest.org
Website for additional Info.

Quartzfest



Some History of Quartzfest

After informally meeting for several years with various ham radio/RV friends, beginning in 1995 near Mile Marker 99 about six miles south of Quartzsite, Az, Harvey K5LJM, and Margie, AB5ZX, decided to officially host a ham gathering around the last week of January, 1997. They called it Quartzfest and put the word out and had nearly 60 RVs that were parked around the site in the Sonoran

It had a great area to gather for a daily 4:00 social hour every day and also to have a nightly campfire. The last of January was selected to coincide with the RV Sports and Vacation Show and the Gem and Mineral Show. They made it a weeklong event with seminars, a lady's coffee, beef stew dinner and different activities that were of interest to the group. It included volunteers to hold ham radio exams, donut runs into the local bakery, firewood gatherers, and whatever else that and whatever else added to the group's enjoyment.

Continued on next column

Harvey and Margie hosted Quartzfest through 2001 then turned it over to Bob, WA7HRA, and Anne Hart for 2002 and 2003 and then Harvey and Margie were hosts once again for the 2004 gathering - their last time. Harvey became ill with cancer in late 2004 so we turned to Cap Latimer, WB6ZDF, and Tom Hensley, KD7ALH, for help and they kindly filled in for us in 2005. Harvey passed away in February of 2005 but Quartzfest lived on with Tom, KD7ALH, and Sue, KD7AMA, Hensley hosting it in 2006 and 2007. Cliff, KD4ZBP and Virginia, KE4VRW, Haycock hosted Quartzfest 2008, 2009 and 2010. Now the torch has been passed on to Steve, K04QT, and Linda, K16JUD, Weed. After the January 2015 gathering the coordination was turned over to new organizers Dave, K1AN and Heather, W8GEM with a newly established Quartzfest Planning Committee that also includes Gordo (WB6NOA), Kris (KR1SS), Marilynne (W6MCJ), Neil (W6FOG), Russ (KB6YAF) and Tracy (KM6T).

Harvey always liked to call the gathering just a simple little campout in the desert with good friends sharing a common interest with ham radio and RVs. He thought it very important to have new people attend every year along with the regulars because you need fresh ideas and thinking to keep an event like this going and we tried our best to make everyone feel welcome.

Since then, Quartzfest has grown to include hundreds of ham radio enthusiasts and their families. Margie Tetmeyer has continually expressed, on behalf of Harvey and herself, how grateful and thankful they are to everyone that has attended and participated in Quartzfest and welcomes the many new friends that will attend this "simple little campout" in the future.

**Check out the Website
Quartzfest.org for date, times
and a whole lot more.**

RCARC December Christmas Party and Meeting Pictures

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A few of the Prize Giveaway Winners



Darlene (N7WWB) won the Icom 2730 Dual Band Mobile Radio.



Fred (K17TPD) a tool package.



Sonja (KD6HYH) won the TIDradio HT Radios.



Kevin (K2MFK) K&N Antennas Dipole Antenna.

Some additional winners



Paul (WA7GVL) a tool package.



Brody (KG7VXV) a wire crimping tool set.

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RCARC December Christmas Party and Meeting Pictures

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Larry (N7SND) a Mouse Pad with the Ham Band Plan Printed on it.



The motley group above received the displayed ammo boxes with some accessories inside for their participation in the past summers off the grid portable radio demonstration.

The RCARC Board would like to thank all those that gave of their time to make this event a success. Terry West, Bonnie (K17WEX), Darlene (N7WWB) and Linda (KG7PBX) for room set up and organization. Ken (KR7KR) for Smoking the two Turkeys and Hams along with the sections of Cheese. Brody (K7VXV) for his carving skills. In addition, thanks to all who helped with the teardown at the end and getting everything back in order.

ARRL Kids Day is January 4, 2025

Kids Day runs from 1800 UTC - 2359 UTC. Operate as much or as little as you like.

The event is designed to give on-the-air experience to young people, to foster interest in getting a license of their own, and give older hams a chance to share their stations and love for amateur radio with their children. You can share the excitement with your own kids, grandkids, a Scout troop, a church, or the general public!



Bellevue (Nebraska) ARC and The Science Club at Yates Illuminates kids show their own On the Air certificates from January 2024 Kids Day.

All participants are encouraged to post their story and thumbnail photos to the [Kids Day Soapbox page](#). Tell the world about your operations, the fun you had, and the contacts you made! Remember, ARRL must have a completed [release form](#) in order to include youth photos (younger than 18 years of age) in ARRL publications.

There will be a second ARRL Kids Day on June 21, 2025.

More information, including frequencies, suggested exchanges, and how to download a certificate, can be found at [Kids Day](#). End.

