

RAINBOW CANYONS AMATEUR RADIO CLUB NEWSLETTER



Club Website: www.rcarc.info Number 6 – Vol. 12 December 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

President:

Fred Govedich

KI7TPD

1-435-559-2682

fred.govedich@gmail.com

Vice President

Ron Shelley

K7HDX

1-623-261-6555

ronald.shelley@gmail.com

Secretary

Bonnie Bain

KI7WEX

1-435-865-1653

Bonnie.bain@gmail.com

Treasurer

Linda Shokrian

KG7PBX

1-435-867-5914

lgshokrian@gmail.com

Newsletter Editor/Historian

Dennis L. West

W6DLW

1-760-953-7935

rcarcnewsletter@gmail.com



CQ, CQ, Merry Christmas and
Happy New Year to all



Presidents Message

Dear Fellow Amateur Radio Operators,

This has been an interesting Month and I hope you had a great November and a wonderful Thanksgiving! Fall is definitely here with colder temperatures and snow. Radio bands have been really active and it is great that our members have been making contacts around the world on every band. I hope you can get out and play on the radio because everyone can get on 10 meters and right now you can talk around the world. We had a great time at the Iron Mission Days Special Event at the Frontier Homestead state park with over 430 contacts. I think we did a great job and it was fun to make contacts around the world! So, thank you to those who participated! This was a great opportunity to come out and meet with the public and at the same time make contacts! We also had a very informative talk on Mesh networks and how we can use these to facilitate communications in our area and during an emergency.

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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

December 10, 2024

RCARC Club Meeting.

6:00 pm. Cedar City Senior Center,
489 E. 200 South. [Annual
Christmas Party at 6:00 pm.](#)

January 14, 2025

RCARC Club Meeting.

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

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](#)

President's Message

Continued from page 1.

This month our club breakfast will be held on December 7th and will be held as a potluck at Linda's (KG7PBX) house so I hope you can make it. Bring a dish to share and a serving utensil to serve it. We always have a great time at these monthly events!

Our Christmas party will be held at 6:00 PM on our next scheduled meeting day, December 10th and we will be giving away a range of Ham Radio prizes! Should be fun! We will also have our officer elections (current nominations are for the existing leadership team). The dinner will be a potluck so please bring a dish to share and a utensil to serve it!

Continued on page 14

Notice

The December 7th RCARC Monthly Breakfast will not be at the Golden Corral as stated below.

It will be a Christmas Potluck Breakfast at Linda Shokrian's (KG7PBX) Residence. Please bring a breakfast dish to share.

See Flyer page 13

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 December**

**Merry Christmas and Happy
New Year**

Breakfast & Friendship Net Awards

December 2024

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

Rainbow Canyons Amateur Radio Club
Treasurer Report Oct 8, 2024

Bank balance Sept 1, 2024 (not-reconciled)	\$2,979.80
Expenses	
Rocky mountain Power (98 repeater elec exp)	- 22.05
Bank Balance Sept 30, 2024 (Not-Reconciled)	\$2,957.75
Oct Deposit membership: K7DLD	+ 15.00
Oct Expenses Rocky Mountain Power (due 10/15/2024)	- 21.26
Funds Available afer 10 /16/2024	\$2,951.49

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

RCARC Upcoming Events

December 7, 2024 RCARC Monthly Breakfast will be a Christmas Potluck at Linda Shokrian (KG7PBX) Residence at 9:00am. Please bring a dish to share. **See Flyer on page 13.**

December 10, 2024 RCARC Annual Christmas Party at the Cedar City Senior Center, 489 E. 200 S., Northside of Building Lower Level. Time 6:00 pm.

December 12, 2024 RCARC EComm/CERT Christmas Party at the Heritage Center. lme 5:30 pm.

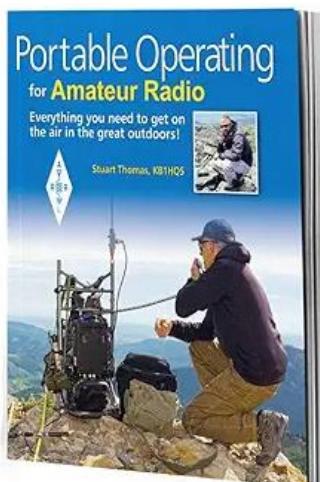
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RCARC Book Giveaway. Books are donated by Linda Shokrian (KG7PBX)

No Book Giveaway in December 2024

The Book below was given away to Kevin Kilcoyne (K2MFK) At the November 12, 2024 meeting



Congratulations Kevin

See Pic on Page 11

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

When Long Distance Telephone Was Shortwave Wave

Access the below URL for a short video.

<https://www.facebook.com/4F1EBDian/videos/1510403609582211/?rclid=3rJrdQ581rdOyYly>



Buzz's December Safety Tip(s)



10 Ways to Stay Safe as You Deck the Halls this Holiday Season

The holiday season is here, and we want everyone to stay safe from home fires as they decorate their homes for the upcoming festivities.

Decorations like trees, lights and candles increase the risk of home fires during the holidays—with Christmas, New Year's Eve and New Year's Day being the top three days for home candle fires, according to the National Fire Protection Association.

Please stay safe from home fires—the nation's most frequent disaster—by testing their smoke alarms and practicing their home fire escape plan with free resources at [redcross.org/homefires](https://www.redcross.org/homefires). In addition, you can follow these 10 simple safety tips as you put up lights and ornaments:

1. Check all holiday light cords to make sure they aren't frayed or broken. Don't string too many strands of lights together—no more than three per extension cord.
2. If are buying an artificial tree, look for the fire-resistant label. When putting it up, keep it away from fireplaces, radiators and other sources of heat.
3. If getting a live tree, make sure it's fresh and water it to keep it fresh. Bend the needles up and down to make sure no needles fall off.

4. If using older decorations, check their labels. Some older tinsel is lead-based. If using angel hair, wear gloves to avoid irritation. Avoid breathing in artificial snow.
5. When decorating outside, make sure decorations are for outdoor use and fasten lights securely to your home or trees. If using hooks or nails outside, make sure they are insulated to avoid an electrocution or fire hazard.
6. If using a ladder, be extra careful. Make sure to have good, stable placement and wear shoes that allow for good traction.
7. Don't use electric lights on metallic trees.
8. Don't forget to turn off all holiday lights when going to bed or leaving the house.
9. Keep children, pets and decorations away from candles.
10. If hanging stockings on the fireplace mantel, don't light the fireplace.



Continued next column

Iron Mission Days

RCARC Club members joined forces with Frontier Homestead State Park & Museum on November 8 & 9, 2024 to celebrate and commemorate the **173nd anniversary of the first Iron Works in the Rocky Mountains.**

A number of RCARC operators staffed the Event Station (WR7AAA) set up at the South end of the main building and worked both 20 & 40-meter voice and FT8 on several bands over the two-day period.

In addition, Parks on The Air (POTA) was activated and the park number was provided for those contacts that wished to have it. Contacts were also provided with the RCARC website information to access directions on how to receive a contact certificate.

A special thanks to Dick Parker (K7ZI) who made two-day event possible and Russ Chaffee (N7BO) for making sure the certificate contact requests were fulfilled.

See the following Statistics below:

Date	FT8	SSB	Total
November 8	61	61	122
November 9	101	212	313
Totals	162	273	435



Ron (K7HDX) and Kevin (K2MFK) setting up the radios for the event.



Ron (K7HDX) configuring the logging PC for the event with Anthony (KC6WFI) looking on.



Dick (K7ZI), with Anthony (KC6WFI) and Kevin (K2MFK) setting up an end fed antenna. **Continued next column**



Fred (K17TPD) and Dick (K7ZI) setting up Fred's End Fed Antenna with Terry West and Bonnie (K17WEX) watching.

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RADIO NEWS

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

EDITORIAL AND GENERAL OFFICES, 33 PARK PLACE, NEW YORK

Vol. 6

DECEMBER, 1924

No. 6

Your Boy and Radio

By HUGO GERNSBACK

The following is an editorial published by the writer in 1914:

A SERMON TO PARENTS

"Keep Your Boy at Home"

THE strongest ties in life are the home ties. It makes a lot of difference, both to you—his parents—and to him too, when a young man grows up, whether his thoughts dwell with sweet pleasure upon his old homestead, or whether the remembrance of his home and his past home-life is painful to him.

How many well-meaning, fond American parents develop the home idea in the young boy? Are you not a bit to blame if your boy, when still in his 'teens, is seen too much in questionable company and in questionable resorts? Your boy is not naturally inclined to stay away from his home and his family. He is usually forced out, for want of something to keep his growing, inquisitive mind occupied; it's the something that he can't find at his home that forces him out. So out he goes. He drifts on, away from you,—the heartstrings loosen more and more, you—his parents—wonder and wonder and the boy becomes a stranger before you realize it.

Then It Is Usually Too Late to Mend

This is—alas—only too true a picture of the average American youth. And it is so easy to keep your boy at home. He doesn't want much, just something to dabble, to tinker, to experiment with and to keep his inborn insatiable curiosity satisfied.

You know your boy likes nothing better than this, he was born for it; are you going to club it out of him?

He has the right idea—the home idea: somewhere in him is a spark alive that needs but proper fanning to create a future Edison, a coming Marconi.

Electricity, especially Wireless, are positively the strongest home-magnets today. His workshop, his small electric laboratory or his Wireless Den are the most powerful home attractions for the 20th Century Boy.

Electricity and Wireless are the coming, undreamed of, world-moving forces. Don't kill the electric spark in your boy. It costs little to keep it going, and some fine day it will pay you and your boy handsome dividends.

Only one boy in 300 is interested in Electricity and Wireless. Your boy has the electric "bug." Thank the stars for the fact that he is so deeply interested in the greatest art the world has ever known. It's a distinction, besides:

"It Keeps Your Boy at Home."

THE views expressed therein are just as true today as they were 10 years ago with the exception that at that time the message was intended to reach only 100,000 where the same message today concerns literally many millions of young men, not only in this country but throughout the world.

It is true that today millions of boys and young men all over the world are experimenting with radio, and it is also true that it would be a still greater boon if many more millions were to take it up. To the uninitiated, to the layman, and to most parents, radio today is still a big enigma. Many people still look upon it with a feeling of trepidation; stranger yet, many parents view it with apprehension when their bright off-spring begins spending their hard earned money on radio paraphernalia. There are still many people who have the idea that radio is only a fad which will disappear sooner or later. To these good people we wish to say that radio today is a vast industry which stands 34th on the list of all the industries in this country. It is an industry already greater than that of railway car building. It is already rivals in dollars and cents the ship-building industry which, as everyone knows, is of considerable size.

The writer's message years ago to the parents of the young men then was that radio kept their boys at home, off the streets and away

from bad influences. This is just as true today as it was then. The modern boy easily becomes bored at home. He has the adventurous spirit and it is a matter of vital importance for him to use his surplus energy. For that reason, as a rule, he seeks amusement away from home, whereas it is quite a simple matter to cultivate the home ties if the parents go about it in the right way. If the young man becomes interested in radio he will soon forget the pool room, the corner hangout and the questionable "gang" he was getting to know so well—too well. He will be so busy at home trying out the latest hook-ups that it becomes somewhat of a problem to get him away from his radio. Of the two evils this seems to be the lesser, for, as long as he is at home, at least the chance of his going wrong is more remote.

But this is not the important consideration. The far greater and vital point is that we know of nothing that sharpens one's wits more effectively than the intricacies of radio. Not every boy has the brain or the inclination to ferret out the mass of radio circuits and technique. It takes real brains and stick-to-itiveness to build a radio outfit and make it work.

If the young man shows an inclination toward radio he should be encouraged with all possible means. The expense in no case is very great and the educational value derived by the boy can never be figured in dollars and cents. Impressions upon the mind are strongest in youth as we all know. What is learned and learned well in youth is hardly ever forgotten. The boy experimenter of today may be the radio magnate of tomorrow. The radio industry which today has already reached tremendous proportions will probably be one of the leading industries ten years hence, and those who get their feet firmly implanted in that industry will surely grow up with it.

If Edison had not been an experimenter in his boyhood he would not have attained his present success. If Henry Ford had not been mechanically inclined in his childhood the world might not have a reasonably priced car today. The list could be continued indefinitely. In radio it is all-important that when a six or an eight year old boy shows any leaning towards it, the spark should be fanned with all possible zeal.

Radio is vastly more complicated than the electrical and mechanical arts just now. Important changes occur almost every month. It takes many years of hard work and training to become a radio engineer. Too many "radio engineers" today masquerade under that name; some of them have been at it but a short time, while many boys of 16 have been at it since they were eight years old and probably know more about the new art than many self-styled radio engineers. It is a fact that when radio became a big thing in 1921, practically every radio amateur was immediately drawn into the new industry and a great many of them today are in some commanding position. Even if the radio enthusiast who has been at it a number of years should find it necessary tomorrow to go into some other line of endeavor the writer still maintains that the radio training will leave its mark upon him during the remainder of his life.

The radio mind is always keen and sharp, and whether this thinking is applied to the radio or the banking business makes little difference. It is a valuable acquisition that will probably grow more valuable as the years go on. Radio to the young man today is a valuable college education. It not only trains the mind to useful and careful thinking, but it trains the young man manually as well. In building a number of radio sets he becomes well versed in the handling of tools and the handling of a surprisingly large amount of materials. He comes into close contact not only with a vast number of various metals which he must not only know thoroughly, but also various kinds of woods, hard rubber, bakelite, cottons, silks, and many other products. He soon learns to appreciate values in a business sense because he is quickly trained where to buy his materials and how to buy them at the lowest price. This is an education in itself.

Radio to the youth is the best possible foundation of the future self made man.

RCARC November General Membership Meeting and Presentation Pictures



Members waiting for the meeting to start



Celebrating Linda Shokrian (KG7PBX) 10 Year Anniversary as a Ham.



Members citing the Pledge of Allegiance

Continued next column



Fred (KI7TPD) conducting meeting business.



Another view of Fred (KI7TPD) conducting meeting business.



Ron (K7HDX) giving a report on Iron Mission Days.

Continued on page 11

RCARC November Breakfast Picture



Members enjoying breakfast



Brody (K7VXV) and Daughter enjoying breakfast



Dick (K7ZI) standing talking with George (AL7BX)



Bonnie (KI7WEX) in foreground with Kevin (WOKLH) in background



Brain (KG7OOW) Fred (KI7TPD) Ron (KG7HDX) George (AL7BX) and Brant (KJ7LTQ) deep in conversation.



Larry (N7SND) and his wife lower left corner of picture.

Continued next column

Iron Mission Days

Continued from Page 6



George (AL7BX) in foreground doing FT8 with Ron (K7HDX) in middle working 40 meters and Dick (K7ZI) rear working 20 meters.



Dennis (W6DLW) working 40 meters and Dick (K7ZI) working 20 meters.

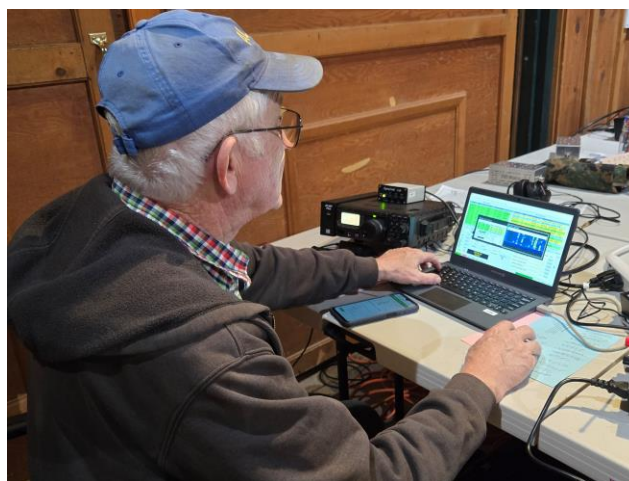
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Brody (K7VXV) working 40 meters with Blaine Ney (NL7EL) watching.



Dick (K7ZI) and Sonja (KD6HYH) working 40 meters.



George (AL7BX) working FT8

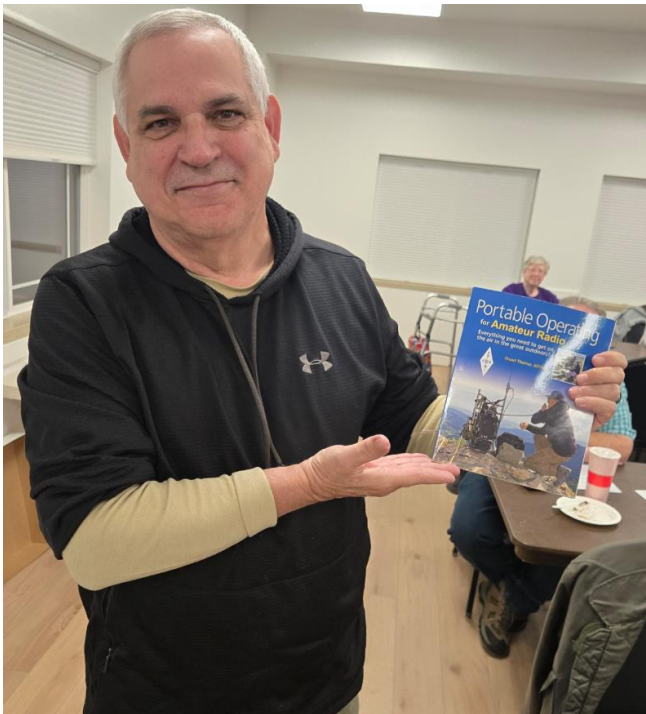
Continued on page 12

RCARC November General Membership Meeting and Presentation Pictures

Continued from page 8



Brant (KJ7LTQ) showing his home made Fox Hunting Antenna.



Kevin (K2MFK) was the winner of the monthly book give away. Potable Operating for Amateur Radio.

Continued next Column

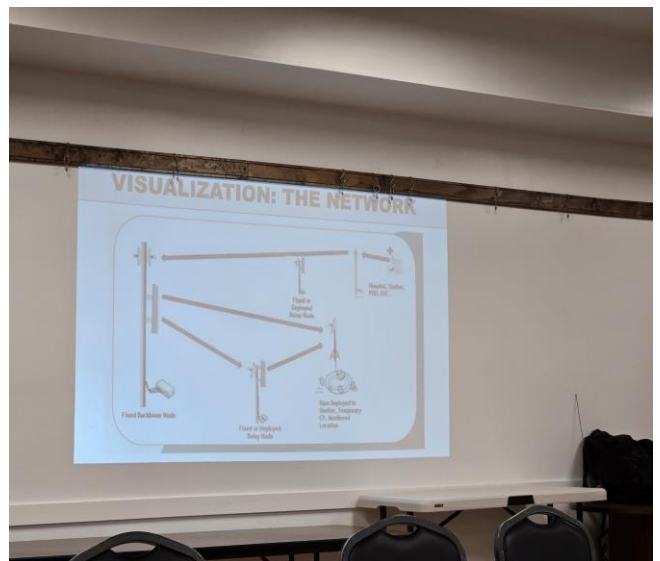
Meeting Presentation

Brett Pruitt, (K7BDP) ARRL Emergency Section Coordinator presented MESH Networks using Amateur Radio Emergency Data Network (AREDN) technology.

Bret provided a terrific overview of the MESH Net Work, equipment needed to get started and much more.



Brett Pruit (K7BDP) ARRL Emergency Section Coordinator talking about MESH Networks to the attendees.



This was a slide of Visualizing the Network

The **HAM Mesh Network** uses off-the-shelf Wi-Fi equipment that has been modified to permit equipment to be used on HAM frequencies. End

Iron Mission Days

Continued from Page 10



Fred (KI7TPD) working 40 Meters with Dick (K7ZI) working 20 Meters.



Ann (KJ7OGZ) and Sylvia (N7SIY) working 40 Meters.



Fred (KI7TPD) working FT8 and Ron (K7HDX) looking at the camera with Brody (K7VXV) and Blaine (NL7EL) working 40 Meters with yours truly in the rear.

Continued next column



Several members took a break and went outside to talk with the lady that was making the Sourdough/Wheat "Cowboy" Biscuits in an old Pizza Oven on left side of picture. They were quite tasty. End

Ham Radio Christmas Pictures



A HOLIDAY POEM FROM YOUR FRIENDS AT THE ARRL

'Twas the night after the Sweepstakes Contest and all thru the shack
The rig was turned off and the key was slack.

The antenna rotor had made its last turn,
The tubes in the linear have long ceased to burn.

I sat there relaxing and took off my specs,
Preparing to daydream of armchair DX,
When suddenly outside I heard such a sound
I dashed out the door to see what was around

The moon shone down brightly and lighted the night -
For sure, propagation for the low bands was right.

I peered towards the roof where I heard all the racket,
And there was the ARRL guy in a red, fur-trimmed jacket.

I stood there perplexed in a manner quite giddy.
Just who was this stranger - di di dah dah diddy ?

He looked very much like an FCC guy,
Who'd come to check up on some bad TVI.

I shouted to him, "OM ! QRZ ?"
" Hey you by the chimney, all dressed in RED ! "
I suddenly knew when I heard the sleight bells jingle,
The guy on the roof was KRINGLE from the ARRL.

Continued on page 23

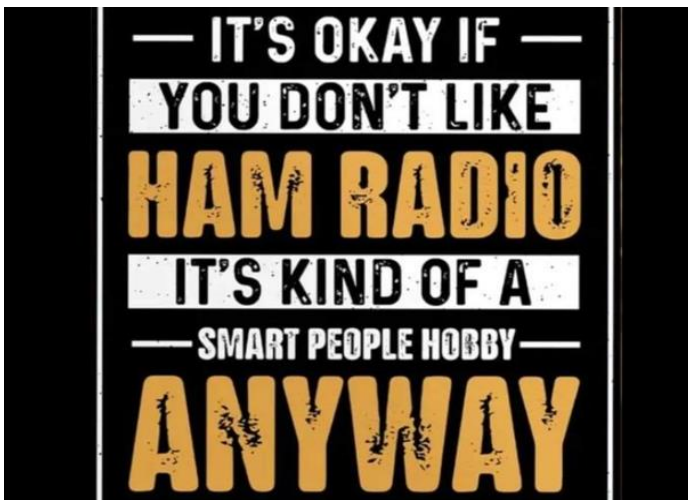
President's Message Continued from page 2.

Winter Field Day is just around the corner and will be held on January 25-26, 2025. We will be using the N7U callsign (requested) and we will be setting 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!

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)

Ham Humor



Have Fun

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- -
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\$47,000 Raised for Amateur Radio STEM Education Through ARRL Online Auction

The 19th annual ARRL Online Auction, sponsored by [RT Systems Inc.](#), went off without a hitch from October 18 - 24, 2024. In addition to hundreds of views, the auction saw 329 individual bidders vying for equipment, vintage books, "mystery junk boxes" from the ARRL Lab, and more.



There were 206 items up for bid and more than 1430 bids were recorded with 40 items finishing in overtime bidding. This year's ARRL Online Auction grossed more than \$47,000.

Top three items with the most bids were, both with 25 bids each, Mastrant rope and ARRL Field Day Cooler Bag surprise, and with 24 bids was one of the mystery junk boxes.

Proceeds from the yearly ARRL Online Auction go directly to ARRL's education programs, including promoting activities to license new hams, strengthening amateur radio's emergency service training, offering continuing technical and operating education, and creating instructional materials.

The ARRL Teachers Institute on Wireless Technology trains educators to incorporate amateur radio and wireless communications into their science, technology, engineering, and mathematics (STEM) lessons. This is creating a real impact on the number of new hams across the country. See more about the program at www.arrl.org/TI. End.



RCARC Christmas Breakfast Potluck

Saturday December 7, 2024 at 9:00 AM.
Linda Shokrian's Residence. (KG7PBX).
2438 W. Carmel Canyon Drive. Cedar City, Utah.
Off Cove Drive Just South of the Temple.

Please come join fellow RCARC Club Members at our December 7th
Christmas Breakfast Potluck. Bring a breakfast dish to share with
other attendees.

Note: There will not be a breakfast at the Golden Corral in December

Digital Modes in Ham Radio

H	R	B	V	L	S	I	G	N	A	L	S	W	T	N
E	I	A	M	H	A	A	Z	U	E	T	G	X	O	T
C	V	N	P	V	W	T	I	M	Y	L	S	C	H	X
S	S	D	R	M	L	F	I	W	P	O	L	O	I	N
D	X	W	O	B	P	C	I	G	F	F	F	M	N	O
O	G	I	T	I	Y	U	A	T	I	N	H	M	T	I
C	Z	D	O	L	U	N	W	J	U	D	C	U	E	S
X	L	T	C	U	P	A	O	N	O	H	D	N	R	S
V	T	H	O	R	R	R	M	T	N	Q	C	I	F	I
X	S	D	L	E	I	C	S	E	E	J	G	C	A	M
L	U	X	S	E	N	C	O	D	I	N	G	A	C	S
D	E	C	O	D	I	N	G	U	C	Z	S	T	E	N
R	O	P	R	A	R	A	U	Z	G	W	P	I	P	A
G	Y	D	K	M	C	Z	O	I	B	K	J	O	E	R
I	W	I	Y	Z	O	S	U	B	Y	B	L	N	W	T

DIGITAL	COMMUNICATION	TRANSMISSION	DECODING	ENCODING
SOFTWARE	INTERFACE	SIGNALS	PROTOCOLS	BANDWIDTH



Hello everyone, Buzz here with a reminder that RCARC members will be voting for the coming year’s 2025 club officers at the December 10, 2024 meeting.

I’m encouraging each and every one of you to attend and be part of the election process.

See the position nominees running for office on page 19. Please attend this month’s meeting and vote for the person of your choice.



**Congratulations to
Isaiah Arnold
(K17SXJ)**

celebrations



Good Luck Elder!

Isaiah Arnold

has been called to serve for the Church of Jesus Christ of Latter-day Saints in the Lima, Peru Limatambo mission. He will report to the Provo, UT MTC on October 30th. He will serve from October 2024-October 2026. He is a member of the Cedar City 8th Ward in the Cedar City West Stake.

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 Wednesday November 20, 2024 E-Comm. members Ron Shelly (K7HDX), Dennis West (W6DLW) and Austin staffed the Radio Communication Room at South West Utah Public Health Department (SWUPHD) Facility to assist in the exercise.

At 9:00 AM a roll call of the RCARC EComm Members was conducted on VHF/UHF utilizing the Rowberry Remote Repeater (449.925) connected to the Iron Mountain (146.760) Repeater for Iron County.

Following a roll call was made to the Hospitals in Iron, Beaver and Garfield Counties using the same frequencies with the exception of Garfield County where remote repeater (448.800) was used.

The information from the roll calls was collected by Ron (K7HDX) and entered on to an ICS214 Form and sent to St, George Public health via the Winlink Software.

Thanks to all that participated in the exercise.



Did you Know This?



People today who think Walmart is too big to fall don't remember just how big Sears was.

Here's an example. In the 1920s, Sears sold radios by mail, but there were large parts of America that didn't have any radio stations within range, so, Sears got into the radio station business and, in 1924, started WLS 890am Chicago. A radio station powerful enough to fill the Midwest.

Then, they sold every household in the Midwest and most of the rest of the country a radio. The kicker was that once they bought a radio, they tuned in to Sears radio station which advertised Sears products.

The equivalent today would be if Walmart sold you the TV and then you only got Walmart commercials and ads on your TV.

Walmart was never that big.

WLS stood for World's Largest Store, and it was.

The only thing to ever come close would-be Amazon Web Services providing you the internet so you can buy Amazon products and services.

I find that interesting. Hope you do too. End

25th Annual SKYWARN Recognition Day December 7, 2024

SKYWARN™ Recognition Day (SRD) is December 7, 2024. The annual event is celebrating its 25th anniversary. SRD was established in 1999 by the National Weather Service (NWS) and ARRL® to commemorate the contributions of SKYWARN volunteers. Using amateur radio and other means of communication, SKYWARN spotters provide real time ground truth to NWS offices. The ham-volunteers can also provide vital communications between NWS and local emergency management officials when other means go down.

In a video posted to the SRD web page, National Weather Service Director Ken Graham, WX4KEG, said the information ham radio operators and other SKYWARN volunteers provide is critical. "I, along with the entire National Weather Service, want to acknowledge and thank you for your invaluable service to the communities we serve."

There will be an SRD special event from 0000 – 2359 UTC on the day. The objective is for all amateur stations to exchange QSO information with as many Amateur Radio SKYWARN Spotters and National Weather Service Stations as possible on the 80, 40, 20, 15, 10, 6, 2-meter and 70-centimeter bands.

ARRL will be on the air during the event from the ARRL Radio Laboratory station, W1HQ, using the call sign WX1AW. ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX, said SRD is a great opportunity to welcome non-ham SKYWARN volunteers to explore amateur radio. "Storm spotting was my original draw into ham radio. I watched a large tornado tear up my community on May 3, 1999, and was listening via my mom's 2-meter mobile radio to spotter reports being relayed to the NWS Norman, Oklahoma, office. I knew I wanted to be a part of that and within months I was licensed. Amateur radio was my path into that community service and has been the hobby of a lifetime ever since," she said. End

RCARC 2025 Board Member Nominees

At the November 2024 RCARC General Membership Meeting the following Members were nominated for the 2025 Club Board Officers:

Position	Name	Call Sign
President	Fred Govedich	KI7TPD
Vice President	Ron Shelley	K7HDX
Secretary	Bonnie Bain	KI7WEZ
Treasurer	Linda Shokrian	KG7PBX
Newsletter Editor/Historian	Dennis L. West	W6DLW

Nominations for RCARC Board positions will remain open until December 10, 2024 at which time elections will be held. If you or someone you know would like to be nominated, please let one of the current Board members know.

This and That

Radio Data Book from 1936

<https://www.worldradiohistory.com/Archive-Radio-News/Radio-News-Specials/Radio-News-Radio-Data-Book-1936.pdf> Check out the URL.

Contradictions

English is FULL of contradictions
Here are some funny ones:

- 1) Found Missing
- 2) Open Secret
- 3) Small Crowd
- 4) Act Naturally
- 5) Clearly Misunderstood
- 6) Fully Empty
- 7) Pretty Ugly
- 8) Seriously Funny
- 9) Only Choice
- 10) Original Copies
- 11) Exact Estimate
- 12) Tragic Comedy
- 13) Foolish Wisdom
- 14) Liquid Gas
- 15) Working Holiday

Congratulations to our New Hams

Just before the November 12, 2024 RCARC General Membership Meeting a VE testing session was held. There were 4 applicants wanting to take the entry level Technician test.

Congratulations to the following:

- Michael W. Johnson (KK7WLS)
- James D. Lannom (KK7WLC)
- Curtis Levesen (KK7WLD)
- Julie Ross (KK7WNN)

If you hear or see these new hams, please welcome them aboard.



The new applicants taking their Technician Exam.



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.





**RCARC Christmas Party Potluck
Dinner. December 10, 2024 at 6:00
PM.**

**Cedar City Senior Center at 489 E.
200 S. Cedar City. Northside of
building lower level.**

**Club member Ken Richter (KR7KR)
will provide two Smoked Turkeys, 2
Smoked Hams and yes Smoked
Cheese.**

**There will be prize giveaways, such
as an ICOM 2730 VHF/UHF Mobile
Radio along with many other items.**

**Please bring a dish to share with
other club members along with their
families.**

**Note: If you bring a dish, please
bring the necessary utensils to
serve it.**

RCARC Annual Fox Hunt Event

On Saturday November 2, 2024, several RCARC Club members participated in the annual club Fox Hunt event. They were Brian (KG7OOW), Brant (KG7LTQ), Ron (K7HDX) and Dennis (W6DLW). This year's event started at 10:00 am. just after the club's monthly breakfast at the Golen Corral (1379 S. Main Street) in Cedar City.

A low power transmitter was placed somewhere in the city to be found. The first person that finds the transmitter and returns one of the slips attached to it will receive the Fox Hunt perpetual trophy.

Brant (KJ7LTQ) was the first hunter to return with a slip followed by Ron (K7HDX).

Below Fred (KI7TPD) presents Brant with Trophy.

Congratulations Brant

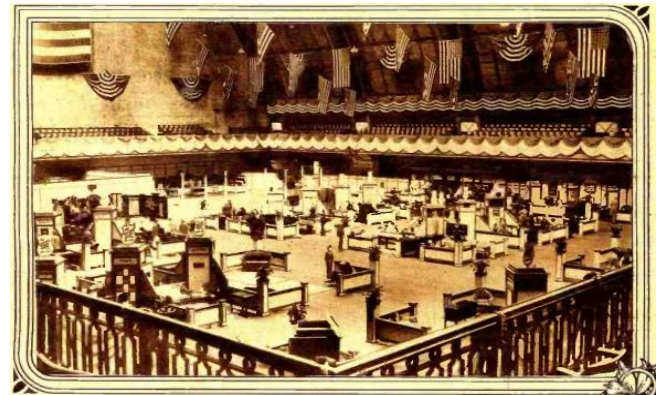


100 years ago, this month First Worlds Radio Fair

The first radio fair, or "world's fair of radio", opened at Madison Square Garden in New York on September 22, 1924.



NEW NAVY TRANSMITTER with a power of 300 watts. It employs twelve 50-watt tubes and can be used for C.W., I.C.W. or Radiophone. It was designed especially for use on the Man-o-wars. Chief Gunner F. C. Nantz and John Cox are shown demonstrating it at the Radio World's Fair. © Kadel & Herbert.



THE 69th REGIMENT ARMORY, New York City, where a section of the Radio World's Fair was located. © Kadel & Herbert.



Among the novelties is an old liquor bottle transformed into a crystal set, which entertains 3-year-old Albert Zasad.

A Holiday Poem from your Friends At ARRL

Continued from page 13

He had a big sack full of ham gear,
Which was a big load for his prancing reindeer.
Transmitters, receivers, for cabinets and racks,
Some meters and scopes and a lot of Co-AX.

He said not a word 'cause he'd finished his work.
He picked up his sack, then he turned with a jerk.
As he leaped to his sleigh, he shouted wid glee,
And I knew in a moment he'd be QRT.

I heard him transmit as he flew o'er the trees
"CFO FOREVER to all, and to all SEVENTY-THREE."

