

# Rainbow Canyons Amateur Radio Club Newsletter



Club Website: [www.rcarc.info](http://www.rcarc.info) Number 8 – Vol. 5 – May 2026

## Club Meeting Information

The RCARC Meets at 7:00 pm on the 2<sup>nd</sup> Tuesday of each month at the Cedar City Senior Center at 489 E. 200 S. Down stairs-North side of building.

## 2026 Club Officer's

President:

**Fred Govedich**

KI7TPD

1-435-559-2682

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Vice President

Ron Shelley

K7HDX

1-623-261-6555

[ronald.shelley@gmail.com](mailto:ronald.shelley@gmail.com)

Secretary

**Bonnie Bain**

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[Bonnie.bain@gmail.com](mailto:Bonnie.bain@gmail.com)

Treasurer

**Linda Shokrian**

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Newsletter Editor/Historian

Dennis L. West

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**CQ,CQ, Happy Mothers and  
Memorial Day**



## Presidents Message

Dear Fellow

Amateur Radio Operators,  
It has been a busy month of April, but I hope everyone is having a wonderful spring! We have had a mixture of weather this spring (typical Cedar City with heat, cold, wind, snow and rain). I hope you are looking forward to our June 13th Swap meet at the Christ the King church (690 S Cove Dr.). The Swap meet will start at 9:00 am (setup at 8:00 am) and will run until 12 or 1:00 pm. We have a major change with our monthly breakfast. Golden Coral is now closed so we are changing venues to IHOP starting this weekend (May 2nd). If all goes well we will continue our Breakfasts at IHOP. Field Day is coming fast and will be at the end of June on the 27th and 28th)! Congratulations to our new Technician Hams (and General) who took the class and passed their tests! 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!

Continued on page 2

## RCARC Club Nets:

7:00 am Breakfast Net- Monday – Saturday – 146.760.

12:30 pm Daily – Utah Beehive Net On 7.272.

8:30 pm Tuesday's- ORCA Digital Net. Using FLDIGI, FLMSG AND FLAMP – 3.581 +, 1500/MFSK32.

8:00 pm Wednesday – Panguitch Net – 147.160.

7: pm. Thursday– Morse Code Net- This is a Zoom Meeting.

8:30 pm Thursday's- WDN Digital Net. Using FLDIGI, FLMSG AND FLAMP – 3.581 +, 1500/MFSK32.

8: pm Saturdays – SSTV – 449.925.

9:00 pm Daily – Friendship Net – 146.760.

11: am Saturdays (Mtn. Time) QCWA – 160 Net, Utah Chapter,

12: pm 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.

Continued on page 2

## Save The Date

May 12, 2026

### **RCARC Club Meeting.**

7:00 pm. Cedar City Senior Center, 489 E. 200 South.

**Presentation: Paul (WA7GVL) will present Yaesu's C4FM Digital Radio**

June 16, 2026

### **RCARC Club Meeting.**

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

[More info to follow](#)

June 14, 2026

### **RCARC Club Meeting.**

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

[More info to follow](#)

July 14, 2026

### **RCARC Club Meeting.**

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

[More info to follow](#)

## **Presidents Message**

**Continued from Page 1**

Be thinking about a POTA activation in the next few weeks. Our next meeting will be May 12<sup>th</sup> and Paul WA7GVL will be demonstrating Yaesu's C4FM capabilities so come ready to learn more about this digital mode. I encourage you all to play, share, and have fun on the radio! We have some newly minted HAMs so lets show them what they can do! 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)

## Local Repeaters continued.

From page 1

### Rowberry:

449.925 MHz – Tone 100.0 VHF

Remote

### Dutton:

147.160 MHz + Tone 100.0 Hz.

### Winlink- Gateways

Local VHF – K7HDX-10 – 145.030

Portable VHF – K7HDX –11-- 145.050

Local VHF – KG7VEI -- 145.070

## **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 IHOP Restaurant, 980 W. 200 N., Cedar City. See you there.



# Congratulations

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

**Happy Mothers Day  
Happy Memorial Day**

## Breakfast & Friendship Net Awards April 2026

Breakfast Net		Friendship Net		
<b>First Place</b>	<b>Second Place</b>	<b>First Place</b>	Darlene N7WWB	<b>Third Place</b>
Dick - K7ZI	Fred – ki7TPD	Ron – K7HDX	Kevin - W0KLH	Brant - KI7LTQ
Shirleen - KB7QXB	Bonnie - KI7WEX	K7NKH - Lee	<b>Second Place</b>	Dennis - W6DLW
Johnny - KI6ZIM	Kevin - W0KLH	Lance - KA7J	Dick - K7ZI	
Linda – KG7PBX	<b>Third Place</b>	Bruce - KI7LUM	Shirleen - KB7QXB	
Russ - N7BO	Art -K7AK	Tammy - KI7LVB	Russ - N7BO	
Larry - N7SND		Tim - KI7LVC	Paul - WA7GVL	
		Fred - KI7TPD		
		Bonnie - KI7WEX		
		Sylvia - N7SIY		

### Rainbow Canyons Amateur Radio Club Treasurer Report April 14, 2026

Bank balance Mar 1, 2026	<b>\$2985.46</b>
Deposit	
Membership - KM7AES, K7NJ, K&7HZZ	+ 45.00
 Bank Balance Mar 31, 2026	 <b>\$3,030.46</b>
Outstanding Expenses	
Rocky mountain Power (98 repeater elec exp) Service cancelled Mar 2026 - totally solar powered final bill due 4/1/26	- \$15.37
 Funds Available after Apr 1, 2026	 <b>\$3,015.09</b>
 Submitted by Linda Shokrian KG7PBX 2025 RCARC Treasurer 435-867-5914	

## Save the Date

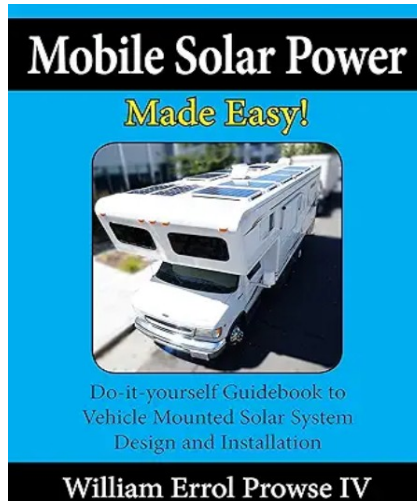
1. **May 12, 2026, RCARC Monthly Club Meeting** at the Senior Center, 489 E. 200 S. North side of building lower level. 7:00 pm.
2. **June 9,, 2026, RCARC Monthly Club Meeting** at the Senior Center, 489 E. 200 S. North side of building lower level. 7:00 pm.
3. **June 13, 2016 RCARC Swap Meet** at 09:00 am. Christ the King Catholic Church at 690 Cove Drive (just South of the Temple) in the Pavilion. See flyer on page 17 or at [www.rcarc.info.com](http://www.rcarc.info.com).
4. **June 27 and 28, 2026 Summer Field Day** at Three Peaks Regional Park in the Pavilion. See Flyer on page 21.

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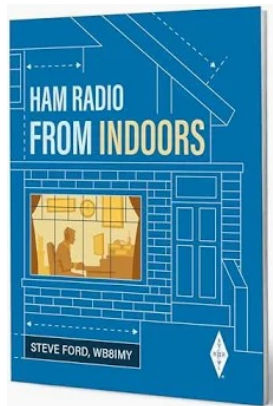
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**RCARC Book Giveaway.**  
Books are donated by Linda Shokrian (KG7BPX).

The book below will be given away at the May 12, 2026 Meeting.



The book below was given away to Kevin Kilcoyne (K2MFK) at the April 14, 2026 meeting.



**Congratulation**

**Kevin**

See picture on page 10

## Contact Us

**Mailing Address:**  
195 E. Fiddler Canyon Rd.  
Cedar City, Utah 84721  
**Club Email:**  
Cedarcity.rcarc@gmail.com  
**Newsletter Email:**  
rcarcnewsletter@gmail.com  
**Website:**  
www.rcarc.info  
**Facebook Page:**  
<https://www.facebook.com/groups/440325486875752>  
**To Join RCARC or Pay dues:**  
Go to [www.rcarc.info](http://www.rcarc.info) select "Club Info" then join RCARC. Follow the instructions on the template.  
**Make checks payable to RCARC.**  
**Please write call sign on check**

### Note:

## Genasys Protect App.

**Genasys Protect is an evacuation management tool that helps communities and first Responders more effectively plan, communicate, and execute evacuations.**

**You can use this free tool to look up your address using the search bar to find emergency and evacuation information in your area.**

**See the Genasys Protect information and how to download the app on page 17.**



## Buzz's May Safety Tip(s)



# Distracted Driving

### Overview

Distracted driving is dangerous, claiming 3,208 lives in 2024. NHTSA leads the national effort to save lives by preventing this dangerous behavior. Get the facts, get involved, and help us keep America's roads safe.



### What Is Distracted Driving?

Distracted driving is any activity that diverts attention from driving, including talking or texting on your phone, eating and drinking, talking to people in your vehicle, fiddling with the stereo, entertainment or navigation system — anything that takes your attention away from the task of safe driving.

Texting is the most alarming distraction. Sending or reading a text takes your eyes off the road for 5 seconds.

Continued next column

At 55 mph, that's like driving the length of an entire football field with your eyes closed.

You cannot drive safely unless the task of driving has your full attention. Any non-driving activity you engage in is a potential distraction and increases your risk of crashing.

### Consequences

Using a cell phone while driving creates enormous potential for deaths and injuries on U.S. roads. In 2024, 3,208 people were killed in motor vehicle crashes involving distracted drivers.

### Get Involved

We can all play a part in the fight to save lives by ending distracted driving.

### Teens

Teens can be the best messengers with their peers, so we encourage them to speak up when they see a friend driving while distracted, to have their friends sign a pledge to never drive distracted, to become involved in their local Students Against Destructive Decisions chapter, and to share messages on social media that remind their friends, family, and neighbors not to make the deadly choice to drive distracted.

### Parents

Parents first have to lead by example — by never driving distracted — as well as have a talk with their young driver about distraction and all of the responsibilities that come with driving.

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## Distracted Driving

Continued from page 5

Have everyone in the family sign the pledge to commit to distraction-free driving. Remind your teen driver that in states with graduated driver licensing (GDL), a violation of distracted-driving laws could mean a delayed or suspended license.

### Make Your Voice Heard

If you feel strongly about distracted driving, be a voice in your community by supporting local laws, speaking out at community meetings, and highlighting the dangers of distracted driving on social media and in your local op-ed pages.

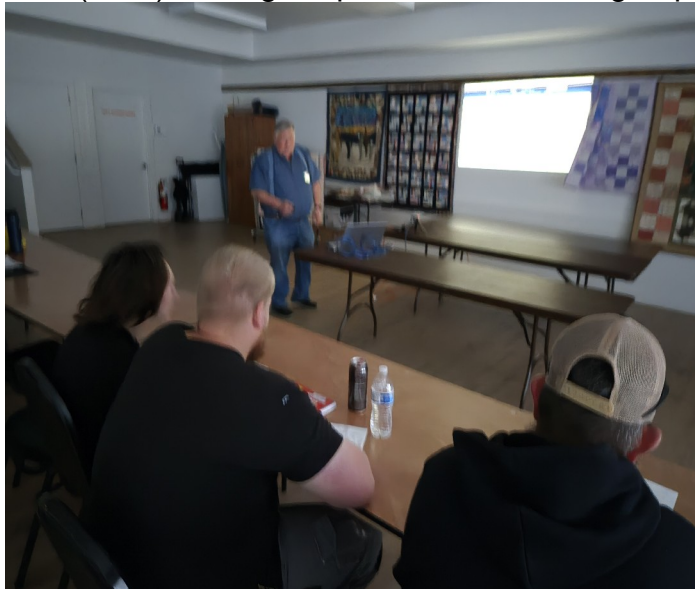


## RCARC March Technician Class

The final and fifth session was held on April 2, 2026 and covered Sub-Element T0 – A, B and C with Dick Parker (K7ZI).

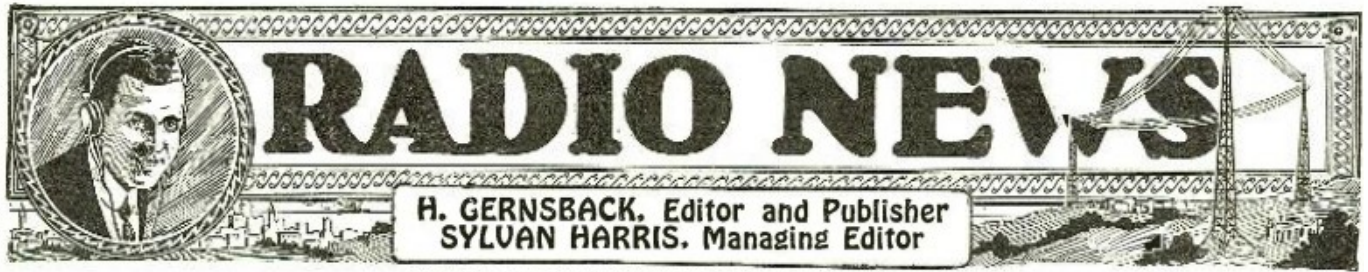


Dick (K7ZI) making his presentation to the group.



Ron (K7HDX) presenting the VE review.

Testing was held at the Senior Center at 6:00 pm. April 9, 2026.



EDITORIAL AND GENERAL OFFICES, 53 PARK PLACE, NEW YORK

Vol. 7

MAY, 1926

No. 11

## Radio Television

By HUGO GERNSBACK, F. R. S.

I AM frequently asked this question: "What, in your opinion, will be the next great development in Radio?" And to this question I always answer that, in my opinion, the next and most logical step in Radio will be the establishment of "Television," or the power to see objects at any distance, through the same medium by which we are now enabled to hear sounds by radio from all over the world.

Radio receiving sets have been developed to such a high degree that we need not expect any revolutionary improvements to be made in them for some years to come. The radio receiver is now at the stage of development such as the automobile reached ten years ago. The improvements made since then in the automobile have been only in the refinement of its various parts; and it will prove exactly so with radio.

So, when I speak of Television, I do not predict a novel type of radio set *per se*, but rather the creation of a device which can be attached to your radio set. It will be similar, in its relation to the present radio set, to the loud speaker, which can be connected to your set, regardless of whether the latter is of the vintage of 1923, or the latest 1926 model.

This may seem to be a rash, offhand statement, but a moment's consideration will show that it is not. For instance, you can listen to a full orchestra with your radio set and (providing you have good transformers and your loud speaker will take both the upper and lower ranges) you will find no trouble in distinguishing the notes of the bass drum from those of the piccolo, even though both are playing at the same time. In other words, you hear simultaneously a number of different instruments without their interfering with each other.

Through the future application of Television, it is quite logical that while a station is broadcasting a song, you will be able to see the face of the singer at the same time, through a transmission on the same wave to which you are tuned in, for the following simple reason.

The range of acoustical frequencies is really very narrow, and does not take in a wide band; the human ear responds to no vibrations above a frequency of 23,000 per second. That is the reason why the so-called radio "carrier" is inaudible. To the non-technical reader it may be explained that the "carrier" is the fundamental wave emitted by a broadcast station, which is on the air at all times when the station is transmitting. When no one is speaking or singing at the broadcast studio, you hear nothing but a faint rushing sound in your receiving instrument. The vibrations of this carrier run into millions per second, and that is why we cannot hear them directly.

If however Television is perfected (as it almost surely will be during the next two years, or perhaps sooner) it will be possible to impress the Television impulses upon this same "carrier" which brings the sound impulses to your set. The Television impulses, being of a frequency too high to be audible, will not interfere with your loud speaker; and the Television picture for the same reason, will not be mixed up with the speech, any more than a violin or a piano, both of which you can readily distinguish with your ear. This is an inadequate comparison, because the separation between the acoustical band or audio frequencies and the radio frequency band is enormously wider than that between any two audible notes of music; and it will therefore be practically impossible for the "sight" waves and sound waves to interfere with each other.

I have pointed this out to bring home the point that, when Television is finally brought about, it is quite probable that today's radio sets will be adapted to this new purpose; and that it will be possible to connect a Television attachment right to your present set and thereby see what is going on all over the country while you are enjoying the program. Not only will it be possible to see the

entertainers at the broadcast station to which you tune in, but everything that is broadcast for sound only, today, will be broadcast by "remote control" for Television as well.

Radio Television, it must be said, is nearer at hand than most of us realize. The inventors of the entire world are racing frantically for the goal, because they realize that in Television they will have created a great new emancipator, much greater than the telephone or radio communication itself.

In this country C. Francis Jenkins has been in the foreground in Television experiments; and he has achieved success in making it possible to transmit and receive the outlines of moving objects by radio at the present time. In England, it is reported, John L. Baird, who has been on the same track, has accomplished a great deal; in France Professor Edouard Belin has also produced results, and similar work has been done in many other countries. Television is now "in the air," and I shall be very much surprised if this great new art does not step out of the laboratory into every-day use, sometime in the next two years, or less.

Back in 1915, and again in 1918, I wrote a series of articles on Television which were the first, I believe, published in the technical press. At that time we had only the selenium cell as a "photo-electric" or light-sensitive substance; but it is sluggish and does not follow changes of light with sufficient quickness. It has been superseded recently by some very excellent light-sensitive cells, which react to changes in less than one ten-thousandth of a second; and this improvement makes Television an assured possibility today.

We should not be surprised, also, when the final apparatus is evolved, to note with what simple instruments Television can be accomplished. It is my belief that the successful device will be simpler and of fewer parts than our radio receivers are today, and it is quite possible that within the next ten years \$50 will purchase a complete Television attachment which will perform well.

To be sure, for a long time to come, transmission will be only in black and white, giving an effect similar to that seen in motion pictures now. Color transmission will come later.

At this point I desire also to correct an erroneous idea about Television, which is much in vogue now. Many people think of Television as "radio motion pictures." Of course there will be no motion picture equipment of any kind in the radio Television apparatus. Television does not concern itself with such methods at all. *In reality you will see at a distance*, just as if you had a telescope through which you could observe anything going on in any part of the country.

Television between broadcast stations and the broadcast public will become very popular. If the telephone companies wish, they can make simple attachments for the present-day telephone, so that you can see the person at the other end with whom you are conversing. A lot of people will throw up their hands in horror at this idea, because the idea of Television added to the telephone will suggest a reduction of their privacy to the minimum enjoyed by a gold fish. This need not be feared, however, because a pushbutton in the telephone mounting will insure that the party calling cannot see you unless you wish it. This is a very simple detail.

As to radio Television between private parties, such as depicted on the front cover of this magazine, I must admit that this lies much further in the future—perhaps twenty-five years or more, for there are not enough wave-bands available to make it possible for thousands to talk to each other at the same time. On the other hand, the cover illustration could readily represent two radio amateurs, who can converse by radio telephone even today; and if, in the next two years, they are enabled to place Television attachments on their radio sets, there might easily result such a situation as shown on the cover. But the individual application of Television, to every one's personal convenience, will not be practicable for many more years.

# Ham Radio Terminology Word Scramble

#	Scramble	Hint	Word
1.	teneemls	Antenna/reflector/director	
2.	driortec	In front of driven element	
3.	enmoiiss	Transmitted signal	
4.	rinodtuc	Coil of wire/core	
5.	myaayd	Call for assistance	
6.	Nnkertow	Linked together	
7.	fycenqeu	Cycles of alternating current	
8.	armemte	instrument/current	
9.	dyumm ldoa	Test or adjust	
10	proew	ate of energy	

**See page 11 for answers to Ham Radio Terminology Word Scramble**

## Whats new In Ham Radio for 2026

### Regulatory and Operating News

- **New Question Pool:** The NCVEC released a new Technician Class question pool (effective July 1, 2026), featuring 27 new questions and significant modifications. New study materials are available for preparation, notes the [ARRL](#).
- **60-Meter Band Changes:** Changes to 60-meter (5 MHz) frequencies and power limits, finalized earlier in the year, are now in full effect, according to a [Facebook Group update](#).
- **Dayton Hamvention 2026:** Taking place May 15-17, this event features the [ARRL Youth Rally](#), according to ARRL news.
- **2026 POTA/SOTA:** Intense focus on outdoor operating, with many users on setting goals to boost POTA and SOTA.

## RCARC EComm Group Meets

RCARC EComm group member came together at the Cedar City Heritage Center on April 16, 2026.

Dennis (W6DLW) brought the meeting to order and welcomed all to the meeting. The pledge of allegiance was conducted.

**Presentation:** Dennis then asked George Colson if he would introduce our presentation speaker.

George introduce Mike Bleak, Iron County Commissioner, One of three Iron County Medical Examiners and Parowan Police Officer. The commissioner gave a very thorough briefing on the duties and responsibilities of the Medical Examiners Office. How incidents are investigated and evaluated to see if an autopsy is needed. Unattended death, Homicide or other.

**Old Business:** Dennis a gave brief update on the items submitted to George Colson for possible funding by the Office of Emergency Management (OEM). Two new Laptop PC's, Emergency AM Radio Transmitter Antenna and a 10 meter filter.

**New Business:** The meeting attendees were asked to help set the direction for the RCARC EComm group the rest of 2026.

**Training:** Some of the topic submitted Additional Winlink Training, First Aid, Stop the Bleed, CPR, Emergency Amateur Radio Data Network (Arden).

**Other:**

**Future Presentation:** Repeaters and Radio sites (George Gallis AL7BX), Range of repeaters.

**Panel Talk:** Discussion on emergency radio use,

Continued next column

What would be the closest repeater etc. If you are in a different locations, what repeater can you access with an HT or mobile, trouble shooting issues, Elmer night (Q&A), review of active nets, Simplex exercises – come up with a list, relay list for emergencies.

**Emergency Alert System (EAS):** Have James Moore do a presentation on the EAS.

**Other Business:** Ron (K7HDX) gave an update report on the EComm Winlink Exercise last November.

The AM Emergency Broadcast Radio software. James Moore – KG7VEI can help set up the radio software and do a training session and show how this will work with the AM Emergency Alert System (EAS)

**Adjournment:** At 7:00 pm.

**Next Meeting:** Thursday June 18, 2026 5:30pm. at the Heritage Center, upstairs. 100 E. and 105 S. Cedar City.

**See meeting Picture's below:**

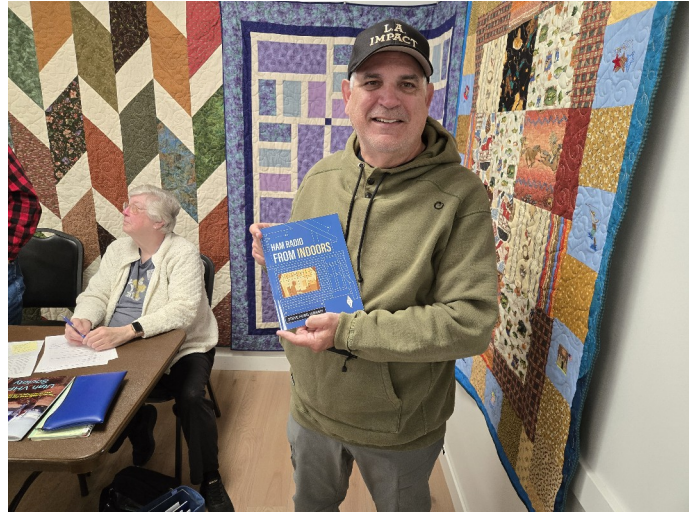


Meeting attendees listening to Iron County Commissioner Mike Bleak talk about the Medical Examiners Office.

# RCARC April 2026 Membership Meeting Pictures



Fred (KI7TPD) bringing the meeting to order



Kevin (K2MFK) won the book drawing



Fred (KI7TPD) leading the Pledge of Allegiance



James (KG7VEI) presenting the Emergency Alert System (EAS)



George (AL7BX) giving the area repeater report



James (KG7VEI)

# No One Responds Alone Seminar

Saturday April 18, 2026 Southwest Utah Public Health Department (SWUPHD) sponsored a “No One Responds Alone” Volunteer Conference echoing Stronger Communities through Shared Preparedness. The event was held at the Cedar City Heritage Center upstairs.

The event was geared toward the various Volunteer Disaster Response Organizations in the five Southern Counties of Southwestern Utah. Specifically, Citizens Emergency Response Team (CERT), Volunteers in Police Service (VIPS), Amateur Radio (Ham) and Medical Reserve Corp (MRC).

Suz Roam, SWUPH CERT, VIPS and MRC Coordinator opened the conference with an overview of the volunteer programs. If you would like to become part of one of these volunteer groups access the following URL: [www.utahresponds.org](http://www.utahresponds.org).

The conference session included more detailed information on the CERT, VIPS and MRC programs as well as Search & Rescue with a K9 demonstration, Information on House Bill 48, Fire Mitigation, 911 Dispatch, Lessons learned from the Pine Valley Fire, Amateur Radio Emergency Services (ARES), Water Purification, Civil Air Patrol, Home Fire Safety, Genasys and Earthquake Information.

Attending the conference from RCARC were Ron Shelley (K7HDX), Terry West and Dennis West (W6DLW).

See pictures on page 20

Continued on page 20

## Answers to Ham Radio Terminology on page 8

#	Word
1.	ELEMENT
2.	DIRECTOR
3.	EMISSION
4.	INDUCTOR
5.	MAYDAY
6.	NETWORK
7.	FREQUENCY
8.	AMMETER
9.	DUMMY
10.	POWER

## Save the dates

1. RCARC Swap Meet on Saturday June 13, 2026 at 09:00 am. Christ the King Catholic Church at 690 Cove Drive (just South of the Temple) in the Pavilion. See flyer on page 17 or at [www.rcarc.info.com](http://www.rcarc.info.com).

2. Summer Field Day at Three Peaks Regional Park in the Pavilion. June 27 and 28. More info to follow.

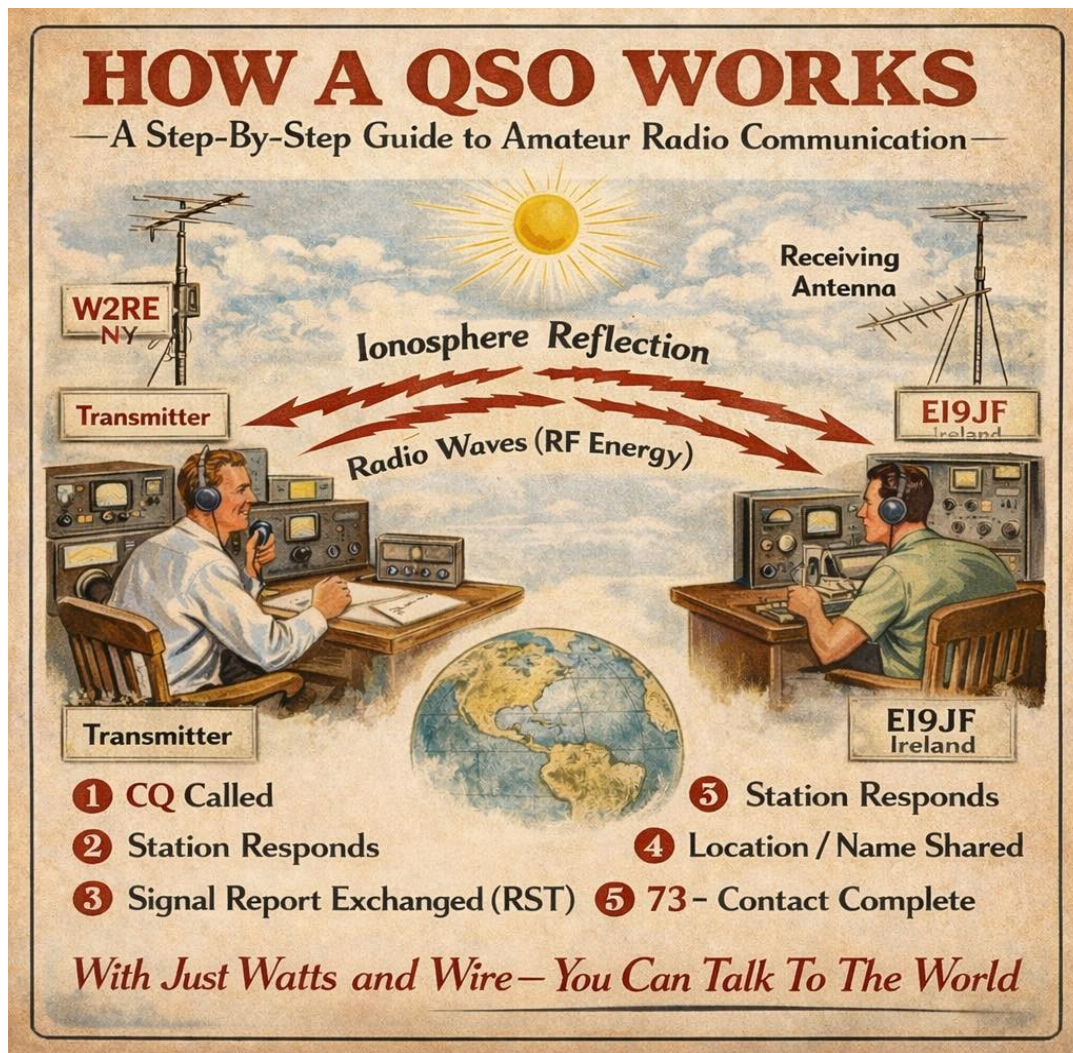


# Ham Radio Stuff

## Ever wonder what actually happens during a ham radio contact?

Before smartphones, before the internet, amateur radio operators were already talking to the world — bouncing signals off the ionosphere to reach stations thousands of miles away. A simple call of “CQ” could connect a guy in New York with someone sitting at a radio in Ireland, with nothing but watts and wire.

A QSO — the ham term for a two-way contact — follows a beautiful, time-tested rhythm. One station calls CQ, another responds, signal reports are exchanged using the RST system, names and locations are shared, and the contact closes with 73 — the classic ham farewell meaning “best regards.” The whole exchange can happen in under two minutes, yet it represents one of the purest forms of human communication ever invented. No satellites. No cell towers. Just radio waves, skill, and a little help from the ionosphere. That magic is still happening right now, on every HF band, every single day.



# RCARC EComm Group Meets

Continued from Page 9



Mike and George talking to meeting attendees



Bruno (KG7VVN) asking Mike a question



Ron (K7HDX) giving his update on last November's Winlink Exercise.



Mike continues his presentation the Iron County Medical Examiners Office,

## STATION'S EXPERIMENTS EXPLORE USE OF 4M and 8M BANDS

STEPHEN/ANCHOR: A ham in Florida with an experimental license is busy exploring propagation and its impact on 4 meters and 8 meters. As we hear from Jack Parker W8ISH, he hopes this work will stir more interest in amateur access.

JACK: In the hope of gaining insights into seasonal propagation trends, Sporadic-E, Trans-Equatorial Propagation and low-band VHF path behavior, the experimental station WQ2XDM has been conducting experiments using the digital weak-signal modes WSPR and FT8 on the 4 meter and 8 meter bands. The license was granted to John K9JMS, who is asking fellow hams to monitor reception and send him reports for data collection. He recommends using PSK Reporter and station logs and screenshots to record time, SNR, grid and frequency details while monitoring FT8 on 40.680 MHz.

The station's website says John will publish a final white paper and an open dataset. The location in Florida is key to the experimental activity because of the region's recurring tropospheric ducting in the Gulf/Atlantic region. Florida's low latitude makes it especially suitable for capturing Trans-Equatorial Propagation and equatorial ionospheric phenomena.

According to the station's page on QRZ.com, the project is aimed at strengthening the case for more interest in and access to 8 meters. Unlike hams in a number of other countries, such as Ireland, Slovenia and South Africa, licensed amateurs in the US do not have access to either 8 meters or 4 meters.

Continued next column

Signal reports or queries can be sent to John at the email address: ([WQ2XDM.fl@gmail.com](mailto:WQ2XDM.fl@gmail.com)).

## March RCARC Technician Class Testing Results

Congratulations are in order for the following:

Call Sign	Name	Class
KM7FIN	Sadie Douglas	Tech
KM7FIM	Trevor Douglas	Tech
KM7FHZ	Michael Gregg	Gen
KM7FIO	Ethan Hollinger	Tech

Both Sadie & Ethan each received a new TIDRADIO UV5R Hand Held Radio with Accessories. These radios were donated by Anthony (KC6WFI) and Sonja (KD6HYH) Karbowski.

If you meet or hear them on the radio please make contact and welcome them to the ham radio life.



# Ham Radio Word Search

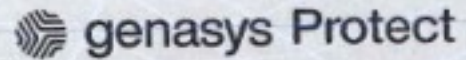
## Exploring Hamfests and Conventions

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

<b>HAMFESTS</b>	<b>CONVENTIONS</b>	<b>EXPLORING</b>	<b>COMMUNITY</b>	<b>NETWORKING</b>
<b>EQUIPMENT</b>	<b>VENDORS</b>	<b>PRESENTATIONS</b>	<b>WORKSHOPS</b>	



KNOW YOUR  
**ZONE**  
**FAQs**



## GENERAL INFORMATION

### What is Genasys Protect?

Genasys Protect is an evacuation management tool that helps communities and first responders more effectively plan, communicate, and execute evacuations. You can use this free tool to look up your address using the search bar to find emergency and evacuation information for your area.

### Why are evacuation zones important?

Genasys Protect's evacuation zones—whether pre-determined or drawn specifically for an incident—streamline emergency responses, reducing confusion about what areas are being evacuated and optimizing traffic flow. Being able to evacuate the most at-risk areas first allows emergency personnel to better manage the flow of evacuees and more easily prevent dangerous traffic jams. Genasys Protect provides a common reference system for all first responders and the community.

## EVACUATION INFORMATION

### How can I be prepared for an evacuation?

During an emergency, the county will use **EVERBRIDGE** to notify you of evacuations. If you have not registered for **Reverse 911**, do so now at [911register.com](http://911register.com) to ensure you get evacuation information. You should also follow any locations that are important to you in the Genasys Protect app so you can be notified if they are evacuated.

To prepare further, you should familiarize yourself with your area, both in Genasys Protect and on the ground. Take the time to walk or drive around any nearby streets that you are less familiar with and locate the fastest routes to nearby major roadways to ensure you are able to find your way out of your zone even without access to GPS, as internet connectivity may go down during an emergency.

Evacuation routes are always incident-specific because the best route to take is always relative to the location and type of threat, so it's important to know multiple ways out of your zone so you're prepared to evacuate in any direction. When it's time to evacuate, pay close attention to your surroundings and look out for law enforcement directing traffic.

### Can I evacuate before my area is under an Evacuation Order status?

You can certainly evacuate early, especially if you see an immediate threat or need additional time due to mobility, livestock, or any other reason. An incident may behave unpredictably and rapidly, meaning it is possible that your evacuation status may not always be updated ahead of the threat. If you feel unsafe, evacuate immediately.

### Can I find evacuation shelters in Genasys Protect?

Yes, you will have the ability to view evacuation centers, animal shelters, and other resources. Generally, these evacuation points are not visible to the community until an emergency occurs because their location must be relative to the location and type of incident.



Find your zone at  
[protect.genasys.com](http://protect.genasys.com)



## ZONE IDENTIFIERS

### **Why is my zone ID so cryptic? Why doesn't it just have a name?**

The zone identifier system provides each zone with a globally unique ID so there is no confusion about what zone is being referred to. The first three letters represent your city name, or the county if you are in an unincorporated area. The three numbers are the unique code that distinguishes your zone from the others in your area. This system is consistent across your county and makes it easy for first responders to plan and execute evacuations.

### **I noticed that my zone ID has an additional letter at the end. What is the difference between \_\_\_-\_\_\_ and \_\_\_-\_\_\_-A?**

During an incident, first responders may need to split your zone into multiple sections in order to evacuate community members or repopulate a zone in the most effective way. If your zone contains a letter on the end, this means your original zone was split up for an incident.

### **I see a different shape in addition to the regular zones. What does that mean?**

Officials have the option to draw custom zone areas if needed to offer more flexibility and specificity in alerting the public in a variety of emergency scenarios. These additional zones will also show evacuation statuses and behave the same as the regular zones.

## MOBILE APP

### **How can I find the Genasys Protect app?**

Download the app by searching for Genasys Protect on the App Store for iOS devices or Play Store for Android. The app supports operating system 11.0 or above for Apple devices and 9 and above for Android.

### **What does following a location do? How many locations can I follow?**

Saving a location allows you to receive push notifications when the evacuation status for that area changes. To follow a location, search the address you'd like to save or click the point on the map and click the Save button in the top right. Your followed locations will appear on the Home screen in the app under Saved Locations. You can save up to ten locations and give them unique names.

### **If I turn on notifications, what types of alerts will I receive?**

If you've saved locations, you will receive status changes for those locations. If you've opted to always share your location with the app, you will automatically receive status changes for your current location. Whenever there is a change in status for your current location or one of your saved locations, you will get an alert. For the app to send you alerts for your current location, please ensure the location sharing option is set to Always On in your phone settings. Rest assured, we do not collect or share your location data.

The Genasys Protect app sends two types of alerts: critical and normal. Critical alerts are issued when the status of a saved location or your current location goes into a \_\_\_\_\_, \_\_\_\_\_, or Shelter in Place. These alerts are designed to grab your attention, and will still notify you and make a noise even if your phone is in Do Not Disturb or set to silent. Normal alerts will function the same as any other push notification you receive on your phone. They will be sent when your current location or a saved location goes into \_\_\_\_\_, Advisory, or Normal.



Download on the  
App Store

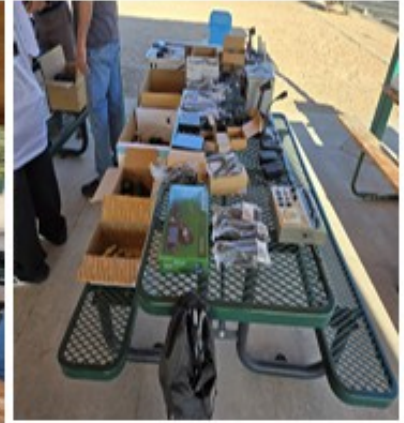


Download on  
Google Play



# Rainbow Canyons Amateur Radio Club Ham Radio Gear Swap Meet

**Come Join Us and bring your excess gear to sell**



**Date:** Saturday June 13, 2026  
**Set Up:** 8:00 AM.  
**Start & End Time:** 9:00 AM to 12:00 or 1:00 PM.  
**Location:** Christ the King Catholic Church.  
690 Cove Drive, Cedar City. In the pavilion to rear of church.

Just South of  
the Temple



# KNOW YOUR **ZONE**

## in 5 steps

- 1** Type your address in the search bar or use your current location.
- 2** Click on the highlighted zone and locate the number listed in the zone description panel.
- 3** Write your zone down and place it somewhere easily accessible by everyone in your house.
- 4** Click Subscribe to Alerts to stay updated by your county in case of an emergency.
- 5** Explore the information provided in your zone's description panel and bookmark any useful links provided by your county.



Find your zone now at  
**protect.genasys.com**



**No One Responds Alone Conference**  
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Keegan Mitton working with his K9 search and rescue partner



Jay Kay ARES Radio presenting ARDEN and Mesh Networks



CC Kamber presenting the State 911 Dispatch Center



Tyler Knudsen presenting Southwestern Utah Earthquake Fault Information



Heber presenting House Bill 48, Fire Mitigation



# Rainbow Canyons Amateur Radio Club (RCARC)

## Summer Field Day Event 2026

### When

This year on June 27 & 28 RCARC members will be transmitting from the Iron County, Three Peaks Recreational area in the Pavilion starting at 12 noon Saturday and continuing until 12 noon on Sunday.

### Where

Iron County, Three Peaks Recreational Area. The Park is located on Mid-Valley Road, approximately 3 to 4 miles West of Lund Highway. **See Google Maps for directions.**

### Field Day is Ham Radio's open house.

Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.



### **Annual RCARC Summer Field Day Potluck - Barbecue**

The annual Summer Field Day Potluck - Barbecue will commence at 6:00PM. on Saturday June 27, 2026. Everyone is welcome but those attending are asked to bring a side dish to share with other attendees.

Please send an email to [cedarcity.rcarc@gmail.com](mailto:cedarcity.rcarc@gmail.com) with the type of dish you will be bringing.