

RAINBOW CANYONS AMATEUR RADIO CLUB NEWSLETTER

CEDAR CITY, UTAH



Club Websites: www.rcarc.info OR www.rainbowcanyons.com Number 2 – Vol. 5 – May 2020

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.

2020 Club Officer's

President:

Fred Govedich

KI7TPD

1-435-559-2682

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CQ, CQ, Happy Mother's Day



Presidents Message

Dear Fellow Amateur Radio Operators,

Thank you everyone who participated during our last meeting! It was a bit different from our regular meeting being an on the Air meeting, but it was a lot of fun! We raised over \$655 for the Canyon Creek Center! The spirit of helping others is what makes our group and Amateur Radio such a fun and rewarding activity! Thank you everyone you really are the best!

It looks like we will probably not be able to meet for either the May breakfast or for our normal meeting due to the COVID-19 pandemic. Like last month we will have an early net (7:00 pm) on the day of our meeting, May 11th on the 146.76 repeater for all members to join to replace our normal meeting! I have been in contact with the Iron County Health Dept. and we have had to reschedule our Stop the Bleed presentation until July...

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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.

7:00 p.m. Tuesday's Southwestern Utah Digital Net. Using FLDIGI, FLMSG AND FLAMP – 146.680, 1500/MT63-2KL

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.

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.

7:00 p.m. Thursdays – RCARC CW Net on 146.980.

Local Repeaters:

146.980 MHz – Tone 100.0 Hz

146.940 MHz – Tone 100.0 Hz

146.760 MHz – Tone 123.0 Hz

147.160 MHz + Tone 100.0 Hz.

448.800 MHz – Tone 100.0 Hz

New Repeater in New Harmony

146.680 MHz – Tone 100.0 Hz

Remote Bases:

449.500 MHz – Tone 100.0 Hz

449.925 MHz – Tone 100.0 Hz

ILRP/Echolink

449.900 MHz – Tone 100.0 Hz

Save The Date

May 12, 2020

RCARC Club Meeting (Will be a radio meeting starting at 1900 hours)

June 9, 2020

RCARC Club Meeting

Program: Field Day, Fred (KI7TPD) & Committee.

June 27 & 28, 2020

Summer ARRL Field Day

July 14, 2020

RCARC Club Meeting

Program: CERT Curriculum "Stop the Bleed." Instructor TBD

August, 2020

Annual Barbeque & swap Meet.

Date to be Determined

Presidents Message

It has been a trying couple of months for us all with the COVID-19 pandemic and the social distancing that has resulted from the outbreak, but if we all pull together we can get through this and along the way we can help each other out. I hope that everyone is able to stay safe and healthy! Remember we have the ability to communicate and we can help if you are in need! Keep busy on the radio!

The ARRL has suggestions for a socially distant Field Day. Depending on how things are going we might need to come up with some plans.

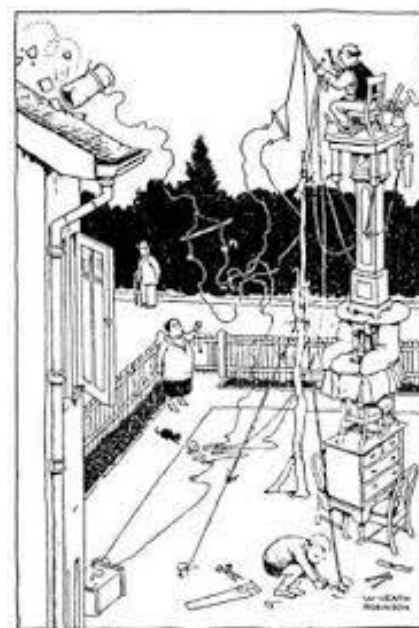
In service,

Fred Govedich (KI7TPD)

RCARC Club Breakfast

Come join us the first Saturday of every month at 9:00 a.m. for breakfast at the Pastry Pub located at 86 W. Center Street, Cedar City. Check out their website at:

www.cedarcitypastrypub.com



Happy Birthday and
Anniversary to those
celebrating in May



Corona Virus Safety Tip: Remember to wash your hands often with soap and water for at least 20 seconds.



Breakfast & Friendship Net Awards

Breakfast Net		Friendship Net	
First Place	Third Place	First Place	K7NKH - Lee
KG7PBX - Linda	KI7LUI - Tom	KI7LUM - Bruce	Second Place
KI7WEX - Bonnie	KK7ZL - Ed	KI7TPD - Fred	KJ7LTQ - Brant
KE6ZIM - Johnny		N7TCE - Merlin	KI7WEZ - Darleen
N7SND - Larry		K7HDX - Ron	Third Place
KI7TPD - Fred		KI7WEX - Bonnie	K7ZI - Dick
Second Place		W6DLW - Dennis	N7SND - Larry
KI7SDA - Jerel		KA7J - Lance	

New Volunteer Monitor Program is Up and Running

04/10/2020

After kicking off on January 1, the new **Volunteer Monitor Program** has ramped up to operational status. A "soft rollout" of the program began on February 1, designed to familiarize Volunteer Monitors (VMs) with issues on the bands and to put into practice what to report — and what to ignore, based on their training. The VMs not only will be looking for operating discrepancies, but for examples of good operating. The VM program has, at least for the moment, put Riley Hollingsworth, K4ZDH, back in the center of amateur radio enforcement as the Volunteer Monitor Coordinator (VMC). He was brought aboard to get the program up and running, and ARRL will eventually take over the VMC function.

Hollingsworth is using a system called **VMTRAC** — developed by a VM — to measure the work of VMs and determine instances that qualify for good operator or discrepancy notices, referral to the FCC, or follow-up with FCC requests to the VM program.

Hollingsworth reported that during March, the 165 active VMs logged upward of 2,300 hours of monitoring on HF, and nearly 2,000 hours on VHF-UHF and other frequencies.

"I am extremely pleased with the number of hours devoted to monitoring this early in the program," Hollingsworth said. No stone is being left unturned. Two VMs constantly monitor FT8 watering holes and have developed programs that alert them if a licensee is operating outside of privileges accorded to that license class or if a license has expired. "That has occurred in a half dozen cases so far," he said.

"We have 30 open cases, five of which are good operator cases," Hollingsworth said. "Regarding open cases relating to rule violations, none have yet had to be referred to the FCC." He said he's experimented with letters, telephone calls, or emails to the subjects of discrepancy reports where they could be identified. While he's still waiting for replies to his written correspondence, he has received responses to his calls and emails, and the violations have either stopped or were explained. "They were violations such as expired licenses, Technicians operating on General frequencies, unauthorized use of a call sign, and deliberate interference," he said.

One case "being groomed for FCC referral," he said, involves long-standing interference to a repeater in the Philadelphia area by someone using an unauthorized call sign. Hollingsworth said he worked with net control operators of nets on 75 and 40 meters that had been suffering serious interference, and so far, the solutions are working.

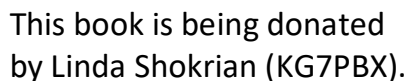
"It is becoming apparent that if informal contact can be made by the VMC with a known offender, the problem can sometimes be stopped," Hollingsworth said. "If this continues to work, it will minimize FCC referral and make those we do refer more worthy of FCC resources and more severe action. We do not want to call upon the FCC unless absolutely necessary, but when we do, the subjects should understand that FCC action will be expedited. I think our own enforcement outreach may resolve all but our very worst cases. At the present time, we have only one in which we do not have a suspicion as to who is causing the problem."

Continued next column

Listed below are a few funny Ham Radio Call signs that were issued by the FCC or are Vanity call signs.

The N0BMA is the call sign of Past President Obama. The A1B1CH was issued by the FCC.

The book shown below will be awarded to one of our RCARC members at our club meeting on May 12, 2020.



The meeting start time is 7:00 PM. You have to be there to win. See you there.

195 E. Fiddler's Canyon
Road #3.

Cedar City, Utah 84721

cedarcity.rcarc@gmail.com

rcarcnewsletter@gmail.com

www.rcarc.info

www.rainbowcanyons.com

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

Please send your correspondence to the above address or should you have any questions or concerns please e-mail us.

Thank you



The act of using your own radio to talk about radios with others who own their own radios and talk about their radios.

ARRL VEC Issues Statement on Video-Supervised Online Exam Sessions

04/13/2020

Very few ARRL Volunteer Examiner teams have successfully conducted in-person exam sessions (following social distancing guidelines) and video-supervised exam sessions using fillable PDF exams and documents. So far, we have found that both types of sessions take volunteer teams two to three times longer to conduct and accommodate fewer candidates than sessions conducted prior to the COVID-19 pandemic. So far, the video sessions have included only one examinee per session.

We ask the community to be patient with our volunteer teams as they navigate uncharted territory. Please remember with the introduction of significant new processes such as these, that there should be proof of concept, establishment of protocols and procedures, and beta testing before expanding to a larger audience. Video-supervised exam sessions require a different skillset than in-person exam administration. Not all teams will be equipped to deliver video exams right away.

The ARRL Volunteer Examiner Coordinator (VEC) has been investigating options for an online examination system.

Fillable PDFs are cumbersome within a video-supervised exam session process. We recognize that online testing would represent a large-scale solution for our thousands of VEs and would make session procedures easier for our teams, but this will not happen overnight.

The ARRL VEC will continue to adapt and respond to the evolving crisis as we search for viable and easy-to-use online examination system solutions and conduct exam sessions in innovative ways.

Local Area Donation Challenge

The Virgin Valley Amateur Radio Club in Mesquite, Nevada donated \$120.00 to their local Salvation Army. They are challenging all Ham Radio Clubs in the United States to donate \$3.00 per member to your local Salvation Army. Many families are struggling during these difficult times, let us do our part to help those in need. They have asked us to forward this challenge to other clubs in our area so let's do this.

At the April 14th RCARC first ever ham radio meeting/net the challenge was introduced by our President, KI7TPD, Fred Govedich. It was brought to the attention of the listeners that Cedar City does not have a Salvation Army facility. There were a number of charities presented to the listeners with Canyon Creek Services being selected. Canyon Creek Services provides service to children and youth who have experienced domestic and sexual violence and abuse as either direct or indirect victims.

After further discussion and obtaining the exact number of paid members in our club (55) Ron Shelly, K7HDX made a motion to support this effort by donating \$3.00 per paid member from the club's treasury to Canyon Creek Services. It was then seconded by Lance KA7J. The donation would be \$165.00. Since the meeting was being held on the radio Fred KI7TPD asked if there was anyone opposed to the motion. Hearing none the motion passed.

Additional pledges were then made by a number of listeners in the amount of \$20.00 each. Larry, N7SND will send to Fred KI7TPD a check for the \$165.00. Those making the pledges were asked to make their check payable to Canyon Creek Services and then send them to Fred at his home.

Fred, KI7TPD upon receipt of the donated funds will then present the donations to Canyon Creek Services.

On April 25th a total of \$655.00 was presented to Canyon Creek Services. Great Job everyone.



ELECTRICAL SAFETY

While Working From Home



Do you have a **home office** or **work from home**? Follow these **electrical safety tips** to keep you and your home safe from electrical hazards.



1



Avoid **overloading outlets**.

2



Unplug appliances when not in use to save energy and minimize the risk of shock and fire.

3



Regularly inspect electrical cords and extension cords for damage.

4



Extension cords should only be used on a **temporary basis**.

5



Never plug a space heater or fan into an **extension cord** or **power strip**.

6



Never run cords under **rugs / carpets, doors, or windows**.

7



Plug in smartly. Make sure cords do not become tripping hazards.

8



Keep papers and other potential combustibles at least **three feet away** from space heaters and other heat sources.

9



Make sure you use **proper wattage** for lamps / lighting.

10

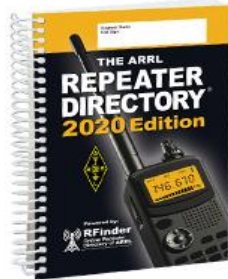


Make sure your home has **smoke alarms**. Test them monthly, change batteries yearly, and replace the unit every 10 years.

Wherever you work, it's always important to be **safe**.

RCARC Book Give Away

The winner of the April 14, 2020 Book give-away is Ann (3rd party friend of Sylvia – KB7UMU) She was awarded the ARRL Repeater Directory, 2020 Edition.



Congratulations Ann

RCARC E-Comm Group Participates in the Southwest Utah Great Shake Out Exercise

On Thursday morning April 16, 2020 at 10:15 a.m. Brad Biederman (WA7HEE) activated the RCARC E-Comm group due to a large Earthquake that just occurred in Cedar City.

Brad then using Amateur Radio (also known as ham radio) conducted a roll call. Those members that acknowledged were asked to submit to the Iron County Emergency Operations Center (EOC) Planning Section a Damage Assessment Report (DAR) and to send a picture of the damage in their area.

At this point E-Comm members began to compile and format the requested information using the Fldigi and FLAMP Software used for sending these types of requests over the air through ham radio.

Continued next column

The DAR asks a number of questions related to the given emergency to give First Responders an idea of what the status is in their community.

Some of the questions on the DAR report:

Are there injured people, deceased and or trapped persons, are there fires burning, gas leaks, water leaks, chemicals leaking, electrical problems, collapsed or damage buildings, road conditions, access to the area and the same for animals.

Once this information is compiled and sent to the EOC) it gives the Emergency Managers a quick snapshot of the current situation in the city. This then allows Emergency Resources to be sent to the areas with the greatest impact.

The E-Comm Group are all volunteers and live in Cedar City or surrounding areas. These members train in using the Fldigi and FLAMP Software throughout the year and participate in exercises such as the Utah Great Shakeout.

RCARC Members participating in the exercise were Brad Biederman (WA7HHE), Bill Stenger (K6QOG), Bruno DeBacker (KG7VVN), Ron Shelley (K7HDX), Jack Coulter (KG7VEJ), Ken Richter (KR7KR), Fred Govedich (KI7TPD) and Dennis West (W6DLW).



Interest in Ham Radio soaring as country grips with virus outbreak

Monday, March 16th 2020, 6:45 PM CDT

WEST HOLLYWOOD, California – The number of Americans obtaining their ham radio licenses is soaring as the country comes to grips with the coronavirus pandemic. Just as shoppers are hoarding necessities and food in panic buying, more people have quickly studied to become amateur radio operators to ensure they can maintain communications with others in emergency situations and disasters.

More than 765,000 in the United States already have their amateur radio licenses from the Federal Communications Commission, however, data from the FCC indicates a recent uptick in the number of new hams, especially since the outbreak of COVID-19 worldwide. In addition, HamRadioPrep.com, a website that teaches prospective hams what they need to know to pass the FCC tests, also has experienced a huge surge in new students in the past two weeks as news continues to evolve about the pandemic.

In a comparison of the time period from March 5-13, 2020, to the same days in 2019, the number of persons signing up for amateur radio license courses on HamRadioPrep.com has soared more than 700% since news of the coronavirus outbreak dominated headlines. At the same time, the FCC shows a 7.1% percent uptick in new amateur licensees in the first week of March in 2020 vs the same week in 2019.

Americans are able to take tests to obtain amateur radio licenses from the Federal Communications Commission, allowing them to talk on a variety of frequencies and radio bands to other licensed hams for personal, not-for-profit communications and technical training. Communications can be around your city, around your state, around the country, around the world — and even into space. Many get their ham radio licenses just so they are prepared for emergencies and disasters and can provide communications for themselves and their families and friends when other communications networks are impacted.

Amateur radio clubs around the United States conduct FCC testing for most seeking ham licenses, while Ham Radio Prep prepares persons with a unique online study system that includes videos, lessons, practice exams, and interactive content.

In addition, Ham Radio Prep commends the Anchorage (Alaska) Amateur Radio Club Volunteer Examiner Coordinator program, which conducts test sessions for those wishing to become newly licensed ham radio operators. That organization's board of directors recently voted to expand its unique and innovative remote testing program to areas outside of Alaska, including anywhere in the United States or Canada. This will bring easier access to those seeking to obtain ham radio licensing and who live in remote areas or have various abilities that preclude them from attending scheduled test sessions conducted by accredited local ham radio clubs that offer test services.

The owners of Ham Radio Prep hope many who want to be prepared with emergency communications backup and even those now out of work or working from home because of the COVID-19 outbreak are able to become licensed hams.

To learn more information, go to HamRadioPrep.com. The website also includes information about how to become a licensed amateur radio operator.

A Trip Down Memory Lane

Over the next number of pages, you'll be taken back in time and revisit some of the early day newsletter of the RCARC.

RAINBOW CANYONS AMATEUR RADIO CLUB

ARRL SPECIAL SERVICE CLUB

Website: www.netutah.com/rcarc

Issue 001

January 2003

Meet the new

☺ Election Winners ☺

President: Jim Curry N7JHC

Vice President: Dick Parker K7ZI

Secretary: Terry Lee KD7TTT

Treasure: Evelyn Curry

News Letter Editor: Russ Chaffee N7BO

Hospitality: Jed Owen W7GDH

Thanks to those who served last year. We all look forward to this up coming year.

The President's Page

Happy New Year fellow Hams! 2003 will be a year of both challenges and opportunities for all of us. Our great nation will also face challenges as we fight the war on terror. We can assist in that fight by having a well organized and well trained Ham Club. For some of you that may not be aware, our club is the back up communication organization for the Local Emergency Preparedness Committee (LEPC). That group consists of all First Responders such as Highway Patrol, Sheriff's Dept., Hospital, Fire Dept., Search and Rescue, etc.

We could be called on at any time to assist any of these organizations with our communication skills and equipment. We invite all Hams from this area, which are not already members, to join the RCARC, to provide the manpower that may be needed in an emergency. We estimate that we would need 90 members in order to provide 30 people on short note

Club Goals for 2003

1. Organize and train club members to integrate with First Responders.
2. Take a close look at the C.E.R.T. program to see if we want to incorporate it into club activities.
3. Get the 76 machine back up to par.
4. Build up an I.R.L.P. system for 2 meter to Internet service.
5. Help Shaun (KD7RPN) with his grade school classroom H.F. project. He will need radio and antenna help.
6. Recruit local Hams for additional LEPC support.
7. Support the LEPC as best we can.
8. Provide communication service to civic groups such as Utah Summer Games, Horse Races, Air Show, etc.
9. Demonstrate amateur radio to 14-18 year old Scouts. Recruit and provide training for anyone interested.
10. Hold an effective Field Day.

Jim Curry N7JHC

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New and Improved RCARC Web Site

N7BO is working on a web site for the club. I would like to have the members look at it, and see what you think. I would like to have your input and ideas on what you as club members would like to see on your site.

The club's potential web site is located on my web server at www.rcarc.info .

If the club approves, then we also have an offer from two of the club members to host the web site. On their web server.

Also we will have an opportunity to have our own email address. i.e. n7bo@rcarc.info

Please go and look at the site before the next club meeting and let me know what you think. I feel that it is very important to have your ideas and input on this matter. The sky is the limit our web site.

If you would like to e-mail me your comments about the web site, my e-mail address is n7bo@infowest.com

Thank you N7BO



Next meeting, January 20th. 7:30 PM

900 E. Midvalley Rd - Enoch

**January, 2004
Issue #1**

President Larry Gaboury KC7VAV
Vice President Montie Orgill KE7LI
Treasurer C'elia Gaboury KD7ILZ
Secretary Chris Whaylen KD7YQO
Newsletter Editor Brian Crum AI7Z
E-Comm Coordinator Travis Pickett AC7MF
LEPC Coordinator Gene Urie N7LHA
Web Master Russ Chaffee N7BO

Club Web Sites
www.netutah.com/rcarc
www.rcarc.info

ECOM TRAINING NET 146.68 Mon, 7 PM
Breakfast net Monday – Saturday 28.4 Mhz 7 AM

Lets start the New Year off with a big Thank you! to Jim and the other club officers for their service this past year. Your new officers have met to discuss many issues we hope to address in the coming year. We strongly urge all members to come to the meetings and present your ideas and desires for things you would like to see the club accomplish this year.

Thanks for your support and see ya at the meeting – Larry, KC7VAV

Local Repeaters : All are open

146.68 Harmony Mt K7ZAR	146.98 SUU N7KM
146.76 Iron Mt. WA7GTU	147.06 Echo link N7AKK
146.80 Blowhard Mt WV7H	147.36 Cedar City W7KBM
146.94 Frisco peak (100 Hz) WR7AAA	



2 element, 6 meter beam
Needs a little cleaning up.
Free to a good home
Kenney, N7AKK 586-3656

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OUTGOING PRESIDENT'S REPORT

The 68 machine is down right now but Greg (K7ZAR) will repair same when he can get up there.

The 76 machine is up but not working well. We have a new Kenwood repeater and a new \$580 antenna to install on Iron Mountain. Jon Hunter (K7JL) donated the Kenwood to the club and we purchased the antenna at Jon's cost. Ray (N7HQQ) and I will install them as soon as he has some time and the weather permits. The new equipment should greatly improve the coverage of the 76 machine.

I met with Vern Grimshaw (head of LEPC), Sheriff Benson, Charlie Morris (Search & Rescue), Linda Petty (dispatch), Trevor Pollock (communications), and Steve Runquist (State Emergency Manager) about two and a half years ago to discuss what we could do to help the LEPC and what they could do to help us serve them better. I explained our needs and capabilities to help out in emergencies. It was agreed to install a 2m/440 base station and a HF station in the dispatch center. Trevor said that he would provide the antenna feed lines, power supplies for same, after the dispatch center was rebuilt.

The dispatch center is now refurbished and they are ready to install the equipment needed for us to integrate with the 1st responders. In addition to the antenna, feed lines and power supplies, they have the funds to also supply the 2m/440 base station, a HF station and tuner. The 2m/440 will allow us to support the CERT program as planned and the HF station will allow us to communicate with Salt Lake if needed from the Dispatch Center.

I discussed this with Trevor right after our last Ham Club meeting and gave him Larry's name and phone number. I suggested that he get with Larry after Jan. 1 to work out the details of which 2m/440, HF transceiver, tuner and antennas to purchase.

These radios will be available for practice in a simulated emergency and use in an actual emergency only. We will not be able to play radio on them. They will be in a small room in the dispatch center.

The Sun Air HF equipment is locked in a storage room in Enoch. Jeff (KD7BCJ) did not return the keys to that building when I replaced him as President. He also has the Sun Air and GE Master II operation and repair manuals and all of the books that contain the history of the club. The only thing I got back from him was the key to the Enoch city offices where we meet. I turned that key over to Larry after our last meeting.

Our club owns 4 working GE Master II 2 meter repeaters, three of which we got

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as government surplus. One is at the 94 machine site. Our club maintains the 94 machine thru financial help to the VHF Society for repairs. One is on stand by at the 68 machine site. One is the 76 repeater, which will be surplus after Ray & I install the Kenwood. The last one is at the SUU lab. We should recover this machine as soon as we locate a place to store it.

RCARC owns a "shack" on BLM land on Iron Mt. The BLM does not charge us anything for this site but there is paper work involved. We do not have a repeater at this site, but we gave the MARS people permission to use it. (They are hams also) They have a 2 meter repeater there. This site does not give good coverage, as does Jon Hunter's site on top of Iron Mt., where our 76 machine is located. Our club will want to think about it carefully before we move our repeater out of Jon's shack. If we ever move our 76 machine out, we will never get it back on top of Iron Mt. again. I think Jon would be offended after just buying a new Kenwood repeater and donating it us.

Dick Parker (K7ZI) has the club banner & Bob Brown stores the club portable antenna & trailer out at his place.

There is a new 2m/440 machine in the Search & Rescue trailer with antenna & feed line ready to go. This radio has never been used and belongs to S & R. We can use it ONLY if INVITED to do so by them. Charlie understands how we could be of help to them, but I get the impression that some of his people do not want "amateurs" involved in their operation.

Best of luck to our new club officers taking over in January. You can count on me for any help that I can provide

Jim Curry N7JHC

Time to renew your membership

Please use the convenient enclosed envelope to renew your Rainbow Canyons Amateur Radio Club membership. Remember, you don't have to be a ham to be a member, just an interest in the hobby.

Individual \$20 per year

Family \$35 per year

Questions? Call Celia 865-0498



Issue #4

2007

Serving In Emergencies

In the last club meeting we discussed Amateur Radio and its use in emergency situations. The following organizations/uses were discussed: American Red Cross, County EOC, MARS, and RACES.



In this newsletter we will discuss what we can do for these organizations, how we can do it, and what training they require.

What Is Required

County EOC

Trevor Pollock let us know that to work in the EOC we need IS-100 and NIMS-700. He also recommended that at least some of us get IS-200. These programs can be found at <http://training.fema.gov/IS/viewall.asp>.

American Red Cross

For American Red Cross, Joel told us we need to have a background check and do their Intro training.

RACES

At this time, we do not have a local division of RACES. This is a shame as amateur radio can do a lot to help out. You can join the state RACES at: <http://www.cem.utah.gov/radio/races.htm>.

MARS

These organizations used to handle phone calls and other communiques for our troops. With the newer satellite networks, this is no longer the mainstay. MARS are currently reorganizing and appear to be somewhat functioning as RACES for the various armed forces and their reserve units to handle communications needs in emergencies. To join these requires a time commitment and filling out a form on various websites. While this is not Amateur Radio, only Amateur Radio operators may participate.

What We Can Do

County EOC and RACES

We can provide backup for local communication in the event that repeaters and other official radio systems fail. We can do this locally via VHF through a human/radio chain. Additionally, we can do this over a wider range using HF.

Additionally, using ATV and SSTV we can provide imaging services that may not otherwise be possible.

Both of these methods are

In This Issue

- **Serving In Emergencies**
- **Preparing For An Emergency**
- **New Hams**

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used by various races groups around the country. One such group, which has been reported on in various Amateur Radio publications include Orange County California Races and MESAC (the division of OC RACES for Costa Mesa).

Additionally, especially as part of RACES, we can provide vital links to connect government entities with non-government organizations (NGOs). In an emergency it is important for shelters to be able to report their needs, status and arising emergencies (need for medical, police, etc.) to the government.

American Red Cross

The Red Cross provides shelters, supplies, and assistance in disasters. We can provide communications to assist the Red Cross in a variety of ways. We can help them is with their communications with various entities in the event of an emergency, including with the County EOC.

Additionally, we can help various shelters stay in touch so that families who are separated can know if their loved ones have checked into another shelter. If possible, we can also provide HF phone patches to help them contact families or friends out of the area.

Preparing For an Emergency

If all Amateur Radio operators are caught off guard, best case, they will be busy fending for themselves and their families. In order to serve, we must be ready.

Non-Radio

Preparing for an emergency isn't just a matter of being ready in radio/technical ways. It is being able to provide for your needs and the needs of your families.

72 Hour Kits

Various organizations over the years have suggested 72-hour kits. These kits are everything you think

you and your family will need for 72 hours.

Kits should include basic first aid, shelter, food and water. Beyond this a book, games, etc. can be helpful.

Medication, Fuel and Money

As part of this kit, or in addition to a 72 hour kit there are several items to keep in mind.

Medications, necessary and useful (pain killers), should be kept on hand in quantities necessary for more than 72 hours so that in an emergency at least 72 hours are covered.

Pain killers and other such items should be part of a first aid kit.

Money is always necessary. Various suggestions have been made over the years ranging from \$10-\$100's. This quantity should be adapted to individual and family needs. It is a good idea to keep multiple denominations in this money. Additionally, many recommend that at least 5 dollars be in

quarters and dimes for emergency pay-phone use and other purposes.

No one should assume credit cards and ATM machines will be functioning. Both 9/11 and Hurricane Katrina showed that these cannot be relied upon.

Additionally, keeping some extra fuel on hand is a good idea. It will help make sure you have fuel for your vehicles, fuel for generators (for radio and non-radio use).

Driving on the top half of your tank will not only help ensure that you have some fuel on hand, it can also extend the life of your vehicle.

Radio

Please, provide some suggestions relating to preparing for an emergency; both radio and non-radio. Please, email me at: ae6hr@hotmail.com.

New HAMs

Welcome to: Teresa Judd, KE7OCH; Necia Adams, KE7OCI; Harl Adams, KE7OCJ.



Volume 1

Club Web Site www.rcarc.info

June 2010

Hi all WOW! Can you believe that club meeting is next week! How time sure flies.

CQ Field Day CQ Field Day

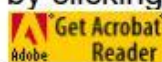


June club meeting is on Field Day. We will be talking about where, why, and when and making assignments.

I had sent out a RCARC Field Day survey form in a PDF format back on or around the 16th of May. I have had only five responses come back from club members that I emailed.

If you would like to participate in Field Day, please fill out the survey form and email it back. I would like to have it back by this Saturday night. 5th June 2010

You will need Acrobat reader to open the survey form. If you don't have Acrobat reader it can be down loaded by clicking on this icon.



Last night 1st June 2010 I had talked with Dick K7ZI and asked if he was going to have a newsletter for us to post on the website for your viewing. Dick said he would not be able to write one up due to scouting Commitments that he has on the mountain at Thunder Ridge Scout camp. So I stepped up to the plate and asked if I could help him out and take care of the newsletter for him. Dick agreed that would be a great idea and would take a big load off of his shoulders.

Dick, happy to help! Have fun at Scout Camp!

Well as time has it, I thought I had one more week before club meeting. Guess what? This is going to be a very short newsletter HI HI.

Last month meeting was on Rigs and their bells and whistle. Ken N7KM gave the presentation. There were a variety of rigs for the demonstration.

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If my memory serves me right, there was an Icom IC 706, Yeasu FT 817, Yeasu FT 857, and Icom IC 746 Pro.

Ken N7KM started out at the white board. He discussed with us the difference in radios what he called wide open receive and ones with filtering.

Ken showed us the basic idea of how or when the audio and filtering is injected into the radio mixing. As you can tell most of it was over my head. HI HI.

Ken gave us a demonstration by using the different radios that were set up that night by making adjustments and pushing button, what a difference it makes both is SSB and CW modes with filters and with out filters.

I can't even give his program Ken presented to us any justice, simply because I am going on memory. My hard drive is old and low in capacity HI HI. What I am trying to say is, Great job. You just had to be there to get the full benefit.

Thanks Ken.

VHF UHF CONTEST

Coming up on June 12th – 14th will be the VHF UHF contest. Bill K7BTE and Myself N7BO are going to head out to Nevada DM 27 or somewhere in a rarer grid square in hopes to bring in the DX piles ups.

VHF UHF bands consist of 50 megahertz and higher.

Our station will primarily consist of two

Radios. One radio will be on six meters (50 megahertz), and the other will be on two meters (144 Megahertz), and 432 (70 centimeters).

The equipment:

2 Yeasu FT 857
1 Four- element six- meter beam
1 17- element two-meter beam
2 11 element 70- centimeter Quagis phased
1 computer for logging

The Modes of operation:

SSB
CW
PSK31

Down Time: we will have a HF antenna with us so we can at least be making some contacts. HI HI.

If you would like to participate in this contest please feel free to join us. You can contact Bill K7BTE or myself Russ N7BO any time.

If you wake up on Saturday morning and wonder what am you are going to do today! And then think. I should have gone out to the VHF contest! You still can.

- **The second full weekend in June. Begins 1800 UTC Saturday, runs through 0259 UTC Monday (June 12-14, 2010).**

Bill and I will be out on Saturday morning up till about 5:00 PM on Sunday. Or may be leaving sooner depending on band condition.

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If you would like to come out we will have a two-meter radio on 146.760 repeater for you to call in on. That way you can find one of us, if we are still there and know how to find us.

Also if you do come, and we hope you do; please bring a snack and lots of water. We are not sure how hot it is going to be. The elevation will not be much over 7000 feet.

One of the ideas of course is to have the band open up and give us lots of signals. If that does not happen, the second idea is to have a long valley shot to the south like Las Vegas and maybe southern California and or to the north the long valley shot to the Salt lake area.

Here is hoping we will have lots of LUCK!
And most of all lots of fun.

73's DE N7BO ES Happy Hamming.

Russ
DM37kp

PS if you need me to send out the RCARC Field Day Survey to you or anyone else please send me a request at

n7bo@arrl.net

Thank you.

Things for sale

This missed last month news letter. It may or may not be available.

Drex Parry asked to advertise his beam in the club newsletter.

It's a HI-GAIN TH6 DXX comes with the rotor and must be removed from the tower. Antenna size is approx. 24'X36' (This is a give away antenna and rotor) Must be removed by person wanting the antenna.

Drex can be contacted at 435.586.7033 or 435.680.1722

Memory Lane (August 2013)



RCARC Minutes for August 13, 2013

President Larry Heddings WD0CDG called the meeting to order at 7:33 pm.

Those in attendance:

W7KBM	Ken Oliver	AE7HY	Bob Vosper	K8NG	Mac Harmer
K7ZI	Dick Parker	N7TCE	Merlin Mackay	K7BTE	Bill Rankin
WA7HHE	Brad Biedermann	KB7HHB	Mardi Biedermann	W0LKT	Lynn Topham
KF7GPZ	Fred Sheffield	KF7WIY	Denice Sheffield	KG6LFU	Jim Beal
KG7AHS	Travis Horton	N7SIY	Joel Clements	KB7UMU	Sylvia Clements
KC6ZNC	Scott Tweede	TBA	Julie Johnson	KA7QJN	Dennis Porter
WA7GTU	Don Blanchard	K7JCA	Jim Asby	AL7BX	George Gallis
KB7BGS	Stephen Judd	K7NJ	Riki Kline	WD0CDG	Larry Hedding
K6QOG	Bill Stenger	N7KM	Ken Munford		

Guests:

Susan Parker
Cathy Horton
Bruce Howard

Since Minutes for the last two months comprised of photos, minutes were approved.

Ken Oliver W7KBM reported balance was \$852.90 July 1. Income in July was \$15 and Electric Utility bill was \$28.46. Balance as of club meeting is \$839.44.

Larry Heddings WD0CDG mentioned that before the meeting

- a) the location for the last club meeting was not accurate.
- b) it was noted that the club website does not have the correct address for the club meetings.
Don Blanchard reported his website has the correct address and the other website needs to be updated.

Don Blanchard WA7GTU gave an update on the repeater system.

- a) Don and George Gallis AL7BX went to Frisco Peak and finished connecting ground wires.
- b) New 450MHZ will be up and running with connection to the intertie on Navajo Mountain soon.
- c) There are plans to extend the intertie into Phoenix, AZ as well as a new repeater on Monroe Peak for intertie connections to Richfield area.
- d) A Bumble Bee Repeater will require coordination with St. George folks and getting permission from the Fire Department at Bumble Bee. Some additional equipment will also be needed.

Sylvia Clements KB7UMU are for a breakfast count and mentioned that Cal Carver sends his regards and is recovering from surgery.

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Ken Munford N7KM mentioned that Fred McFadden KF6GEL is in room 211 at Kolob Regional and would like to have visitors.

Larry Heddings WD0CDG had everyone introduce themselves because of some new faces.

Larry mentioned that

- a) November 9th is Frontier Day and he has the paperwork to request a call sign for a special event station. Would also need to design a special qsl card or certificate.
- b) October 4th & 5th is the Equestrian Endurance Ride. If you want to participate let Larry know.
- c) Fred Getman N6OJS needs help to put up an antenna. If you want to participate let Larry know.

Merlin Mackay N7TCE mentioned that the EMP video is available. Let him know.

The 10 meter breakfast net will resume August 26.

Dick Parker K7ZI presented special activities in Ham Radio:

There are four major areas:

1. **Contesting:** for more info ARRL, CQ, RGB (Britain), 10-10, Islands on the Air, SARC (Africa)
Benefit: Improve proficiency, make many contacts
Calendar of events available at wa7bnm.com, also ac6v.com
2. **Special Interest:**
Dxpeditons, digital modes, IOPA, SOPA, County hunters, Lighthouse hunters, 10-10 International, RTTY, QRP, SSTY, EME,
3. **Service Oriented:**
NTS – National Traffic System
ARES (Amateur Radio Emergency System) – sponsored by ARRL
RACES (Radio Amateur Civil Emergency Services) – sponsored by Homeland Security here in Utah.
For more information: arrl.org/ares with also has a link to RACES.
4. **Rag Chewing:**
Doing whatever form of communication you enjoy.
Kits builders can find all types of kits on the internet.

Common Abbreviations:

FISTS – CW club, 10-10 International – 10 meter contacts, NCCC – Northern Calif Contest Club a kit builder group, SKCC – straight key club, RCAI – a German QRP group, QCWA – Quarter Century Wireless Association (licensed for 25 yrs or more), FOC – First Class Operator's Club (CW quality), FLYING PIGS – QRP CW club from New York, MIQRP – Michigan QRP club and many others.

Ken Oliver W7KBM needs a coordinator for ARES.

Larry asked for a volunteer to bring refreshments in September. Silence followed.

Larry asked for a motion to adjourn. A motion was made by Jim Ashby K5JCA and seconded by Scott Tweede KC6ZNC. Meeting was adjourned at 8:49 pm.

Respectfully Submitted:

Bill Stenger K6QOG
Secretary

I hope you've enjoyed this trip down memory lane. With the current COVID19 Virus situation and sheltering in place it has been difficult to acquire pictures and other noteworthy items for the newsletter. These newsletters and many more can be viewed dating back the late 90's at www.rainbowcanyons.com and at www.rcarc.info by selecting the newsletter tab.

Newsletter Editor.