

# Rainbow Canyons Amateur Radio Club

Cedar City, Utah

April 2017

## Club Officers:

### President:

KG7PBX  
Linda Shokrian

### Vice-President:

KR7KR  
Ken Richter

### Treasurer:

AL7BX  
George Gallis

### Secretary & Editor:

K6QOG  
Bill Stenger

## Local Repeaters:

146.980 Mhz  
Tone 100 hz

146.940 Mhz  
Tone 100 hz

146.760 Mhz  
Tone 123 hz

## Remote Bases:

449.500 Mhz  
Tone 100 hz

449.925 Mhz  
Tone 100 hz

448.800 Mhz  
Tone 100 hz

## IRLP/Echolink

449.900 Mhz  
Tone 100 hz

## RCARC Websites:

<http://www.rcarc.info> and <http://rainbowcanyons.com>

## RCARC NETS:

**Breakfast Net: 7:00am 146.760 Mhz 123 hz PL tone, Mon. - Sat.**

**Friendship Net: 9:00pm 146.760 Mhz 100 hz PL tone, every evening.**

Club meets on the second Tuesday of each month at the Senior Center

## Next club meeting is May 9th

### TOPIC:

**Fun on HF by Dick Parke K7ZI**

## Club Monthly Breakfast is May 6th, 9am at the Pastry Pub

Come in and place your order then come to the side room to be with other hams and your order will be brought to you. It is a most relaxing and friendly environment.

## Updates by Linda Shokrian KG7PBX

## 2017 Participation Award

To encourage participation and remind us how much fun Ham Radio can be, RCARC is offering a Participation Award for 2017 of a Yaesu 857d All Band Radio to be drawn for at the December 2017 meeting. Tickets will be given for participating in various activities all year long in 2017. For ways to earn tickets, please read the meeting handout for more information.

## Easter Egg Fox Hunt

Saturday, April 22nd, we had our Easter Egg Fox Hunt and Pot Luck Luncheon Social out at 3 Peaks. It was a lot of fun and everyone enjoyed themselves. The food was great thanks to all. We had 32 attendees including 4 children, 2 of whom participated in the fox hunt. A participation ticket was put into the drum for every member who signed in that day. The Fox Hunt for the trophy will be held later this summer. Date TBA.

## Emergency Communications Group

EComm meets every other month in even months. There will be no May meeting. We talked about the hospital radio drill for the Great Utah Shakeout held that morning, what went well and how we can improve for next time. We also briefly discussed the state to our repeaters and what is planned to fix them. Next EComm meeting is scheduled for June 15th, 2017 at 6 pm at the Visitor's Center.

## CERT

The CERT meeting, held on Thursday, April 20th covered Triage in CERT. The next CERT meeting is scheduled for May 18th, at 7 pm at the Visitor's Center, Topic TBA. The next CERT Basic class is scheduled for April 28th & 29th and May 5th and 6th. See Linda KG7PBX if you want more information or wish to take the class.

## LEPC

LEPC (Local Emergency Planning Committee) meeting was held Wednesday, April 19th, 2017 at noon at the Heritage Center. New order of business, Lunches can no longer be provided so you must bring your own. Other usual business was discussed. If you wish a copy of the monthly LEPC minutes, please contact Linda KG7PBX at Lgshokrian@gmail.com and she will send you a copy when it becomes available. The next LEPC meeting is scheduled for Wednesday, May 17th, 2017 at 12 noon at the Heritage Center.

## SWUPHD Quarterly Radio Drill at Cedar City Hospital

by Brad Biedermann WA7HHE

On April 20th, the Rainbow Canyons Amateur Radio Club ECOMM GROUP participated in a combined Five County Hospital and Great Utah Shake Out earthquake drill. Hospitals from Five Southern Utah Counties and Northern Arizona participated in the communication exercise. Hospitals and health departments checked into a UHF/ VHF intertie net. After roll call the net was open to area Damage Assessment reports. Digital Damage Assessment Reports were sent on a separate VHF frequency to the Cedar City Hospital Communication Center. Three NBEMS messages were received and processed to one Voice Damage Assessment Report. Lessons learned revolved around operator training, to provide pauses to prevent linked repeater time outs and the use of phonetics for callsigns. Also the value of Team copy in the Communication Center.

Upcoming events -

2m Simplex contest

Build an unusual antenna competition

## Club Activities:

### April 8th Tape measure 2 meter antenna



On a nice Saturday afternoon at Linda Shokrian KG7PBX garage, 24 people met to build a tape measure antenna for the purpose of fox hunting. Ken Richter KR7KR guided the cutting, sanding, assembly and testing of the antennas. 13 antennas were completed and tested.

Photos by Monti Rugebregt KG7WEN and Bill Stenger K6QOG.



## April 22nd Easter Egg Fox Hunt Social at 3 Peaks Pavilion



A beautiful Saturday morning more than 25 people gathered for the Easter Egg Fox Hunt and Social. Everyone, winner and losers had a great time. Young and old enjoyed looking for the hidden fox. All enjoyed to great food provided by the club and the generosity of those attending.

Photos by Bill Stenger K6QOG



## April 26 Elmer Night

by Linda Shokrian KG7PBX

RCARC had an Elmer Night at the Visitor's Center, Wednesday April 26th. There were 33 attendees. Elmer's present were Don Blanchard WA7GTU, Merlin Mackay N7TCE, Ken Richter KR7KR, George Galls AL7BX, Terry Lee KD7TTT, Bryan Lamoreaux KG7OOW and Linda Shokrian KG7PBX. Handhelds were analyzed and programmed, and various setups and antennas were shown including Bryan KG7OOW's High Frequency Microwave. WSPR and Fldigi Digital were also demonstrated. A 7 Function Multi meter was given out to all who didn't have one. Several new hams were able to check into the Net later that evening. A good time seemed to be had by all. A very BIG thank you to all the Elmer's who came and helped make it such a successful evening.

## What happened at the last meeting

President Linda Shokrian KG7PBX called the meeting to order at 7:00 p.m. And extended a welcome to all in our new meeting location.



Those present were:

KG7PBX Linda Shokrian  
KR7KR Ken Richter  
K6QOG Bill Stenger  
AL7BX George Gallis  
W7AEA Ed Alpers  
KG7YID Michelle Arnold  
KG7YIB Carolyn Bauer  
KG7YIC Ken Bauer  
KG6LFU Jim Beal  
N7SND Larry Bell  
KA7HGX Tony Bennett  
WA7HHE Brad Biedermann  
KB7HHB Mardi Biedermann  
WA7GTU Don Blanchard  
KB7OWE Don Carter  
KB7UMU Sylvia Clements  
KI7DRE Larry Coles

KI7LVD Dan Pointer  
KG7WEN Monti Rugebregt  
KF7WIY Denice Sheffield  
KF7GPZ Fred Sheffield  
KG7YIA Boyd Woolsey  
KD7TTT Terry Lee  
KI7LUP Ethan Bunker  
KC7RKU Leo Harrison  
WD0CDG Larry Heddings  
KI7DRO Dennis Gaede  
KI7LUX Dan Carlson  
KI7LUX Tim Lewis  
KI7DRA Nichols Burton  
KI7LUN Scott Brim  
KI7LUO Melody Brim  
ZI7ZAD Bill Zadel  
KI7ZH Bill Cormaci

KG7NYJ Devin Elliott  
KE7ZIM John Ellison  
KD6SFS Brad Gunderson  
KI7LUU Collette Gunderson  
KA7J Lance Jackson  
K7VXV Brody Johnson  
N7TCE Merlin Mackay  
K7ZI Dick Parker

KI7LUK James Ansell  
KI7LUI Tom Adams  
KB7QXB Shirleen Chaffe  
N7BO Russ Chaffe  
KI7LUI Jim Lunt  
NR7T Jon Rice  
KI7DRB Bruce McDonald

Guest Speaker AC0PR Mike Cartmill

Linda thanked Denice Sheffield KF7WIY for making a cake that looks like a ham transceiver and bring the many cup cakes for treats after the meeting.



Linda had each person introduced themselves and what ham radio activity they have been doing.

Sylvia Clements KB7UMU showed a picture of her family in honor of her deceased husband Joel N7SIY. Ken Richter KR7KR showed his home made 4 element 2 meter quad.

Congratulations to Brad KD6SFS and Collette KI7LUV Gunderson and Jim Ansell KI7LUK for passing their General Test.

Secretary Bill Stenger K6QOG mentioned there was no minutes for the last meeting so there is no motion for acceptance. Don Blanchard mention there was a misspelling of Linda Shokrian name in the newsletter.

Treasurer George Gallis AL7BX said the current balance in the bank is \$2,122.99 and called for a motion to accept the report. Don Blanchard WA7GTU motioned to accept and seconded by Monti Rugebregt KG7WEN. Vote was unanimous.

### **Announcements:**

Linda reminded everyone to get a participation ticket for joining the VHF Society and/or RCARC in 2017. Members who have signed in this evening will have their participation ticket put unto the drum for them.

### **Old Business:**

See Don Blanchard WA7GTU for an application if you wish to join the VHF Society, dues are \$15.00. If you are a member make sure to get your 2017 booklet from Don.

### **New Business:**

There will be an Easter Egg Fox Hunt and Pot Luck Social at 3 Peaks Large Pavilion on Saturday April 22nd, beginning with a training period at 9 am and the actual hunt will begin at 10 am. Luncheon will begin 11:30 am and everyone is welcome even if you can't make the hunt.

Monti Rugebregt KG7WEN gave a brief run down on Field Plans: there will be a bbq trailer and a pot luck dinner and the club will provide the meat. There is room for camping and trailers. Another planing meeting tomorrow night at Linda's.

The club is having a "New Ham Elmer Night" scheduled for Wednesday April 26th 7 pm at the Visitor Center. Please sign up if you can attend either as an Elmer or as an interested Ham.

The club is also sponsoring a 2 meter simplex contest starting May 10th to June 10th. How many 2 meter contact can you make on simplex frequencies (no repeater)? The rules will be given out at the May meeting. See or talk to Linda if you have any ideas for appropriate prizes/awards.

### **Presentation #1**

Terry Lee KD7TTT presented some highlights to the updated website at [www.rcarc.info](http://www.rcarc.info) which has been reformatted to better fit on a tablet or cell phone and there is a new online Net Control roster. This online roster will automatically keep track of those that check-in each month and the stations that have the three highest number of check-ins will receive a participation ticket for the give away radio. Your position on the roster list will depend on the number of check-ins you make. There are also many new features added to the website.

### **Presentation #2**

Mike Cartmill AC0PR from St. George gave a



powerpoint presentation on SOTA (Summits on the Air). Mike said that SOTA began in England and the website [www.sota.org.uk](http://www.sota.org.uk) can answer most questions you might have. What is SOTA? "Summits



on the Air is an award scheme for radio amateurs and shortwave listeners that encourages portable operation in mountainous areas.”

Basically Utah has 1500 designated summits and is divided into 31 Regions. Each summit has designators and points based on altitude. Also each sota association has different parameters for points allocations, based on the type of terrain in the association. Basically, the higher the summit, the greater the points. Check out [www.sotamaps.org](http://www.sotamaps.org) to find all the summits in Utah as well as around the world.

If you want to participate you can in two ways: Activator (those who ascend to the summits) or Chasers (who remain in the warmth of their radio shacks!).

Mike showed many photos from many different summits around Utah, Colorado and Nevada. If you are going to be an activator the thing to consider is safety. Some safety factors are the appropriate gear, weather forecast, and don't take chances. It is

important to consider what motivates you. Cars are not allowed so it is human power to get you to the summit. This means you have to carry everything, equipment, antennas, power supply, clothing and or camping equipment.

The most popular modes to operate are CW, SSB and FM. 20 meters is the most common band. 30, 40, 17, and 15 meters are also common.

CW frequencies: 7.032, 10.110, 14.061, 18.095

SSB frequencies: 7.185, 14.342, 14.347, 18.150

VHF is often used but no repeater contact allowed.

Some of the most popular equipment are KX2, KX3, FT817, Youkits HB-1B. You want to operate QRP because you will have to carry a battery suitable for the power you want to run.

If you want to know if there is any SOTA stations operating, check [www.sotawatch.org](http://www.sotawatch.org). Handouts are available.

Linda asked if anyone had any questions; there was none.

Larry Bell N7SND motioned to adjourn the meeting seconded by Monti Rugebregt KG7WEN. Meeting was adjourned at 8:50 pm.



## SOTA (SUMMITS ON THE AIR)

FIND MORE INFORMATION:	
<a href="http://WWW.SOTA.ORG.UK">WWW.SOTA.ORG.UK</a>	MAIN PAGE
<a href="http://WWW.SOTAMAPS.ORG">WWW.SOTAMAPS.ORG</a>	MAPPING
<a href="http://WWW.SOTAWATCH.ORG">WWW.SOTAWATCH.ORG</a>	SPOTS
<a href="http://WWW.SOTADATA.ORG.UK">WWW.SOTADATA.ORG.UK</a>	LOG/STATS

### ACTIVATORS:

**SAFETY FIRST**  
**RESEARCH BEFOREHAND**  
**PLAN PLENTY OF TIME**  
**START WITH EASY ONES**  
**HAVE A BACKUP PLAN**  
**PACK LIGHT**

### CHASERS:

**EACH SUMMIT ONCE/DAY**  
**CHECK SPOTS!**  
**DON'T SKIP LOWER POINTS**  
**BE PATIENT W/ACTIVATORS**  
**BE VERSATILE (CW)**

## RCARC - ECOMM Calendar May 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 ***ORCA Net	3	4	5	6 9 am Breakfast @ Pastry Pub
7	8	9 7 pm RCARC monthly meeting @ Senior Center	10	11	12	13
14 HAPPY MOTHER'S DAY	15	16 ***ORCA Net	17 10:30 am ESF8 meeting @ Heritage Center 12n LEPC @ Heritage Center (Bring your lunch)	18 No EComm meeting 7 pm CERT meeting @ Visitor's Center	19	20 RCARC Table @ Boy Scout Expo 8a - 2 p
21	22	23 ***ORCA Net	24	25	26	27
**7 pm EComm NBEMS Practice						
28	29 HAPPY MEMORIAL DAY	30 ***ORCA Net	31			

\*\* NBEMS Practice with voice 449.925 MHz and Digital/FLDigi on 146.98 MHz - Everyone invited to join in  
 \*\*\* ORCA Net - 8:30 pm 3.581 MHz 1500 Waterfall MFSK32 - talk frequency 449.925