

# Rainbow Canyons Amateur Radio Club

July 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

448.800 Mhz

Tone 100 hz

## Remote Bases:

449.500 Mhz

Tone 100 hz

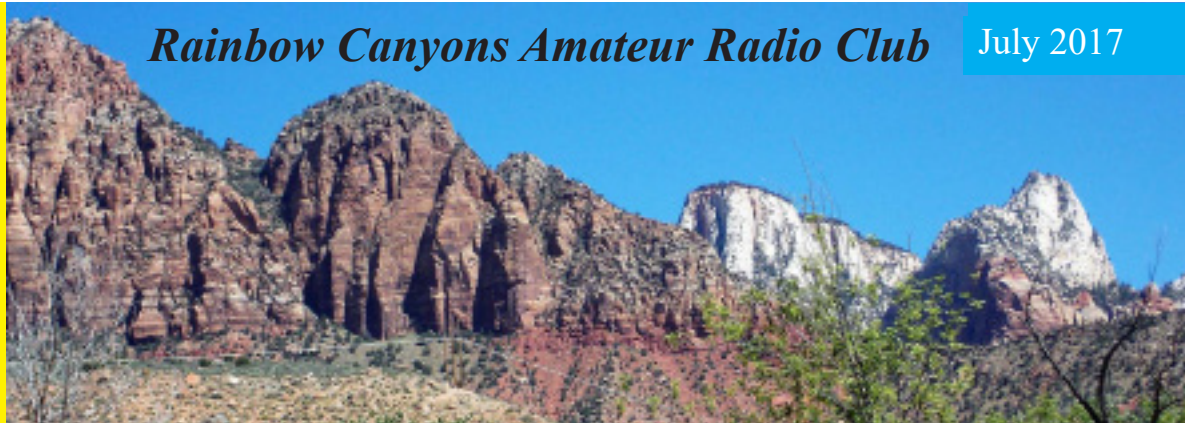
449.925 Mhz

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 123 hz PL tone, every evening.

## Club Monthly Breakfast is August 5th, 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.

## Next club meeting is August 8th at 6:00pm

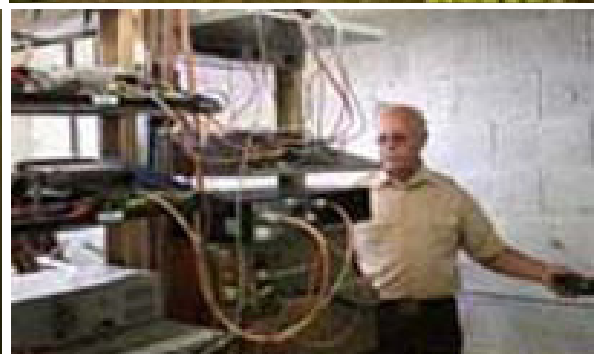
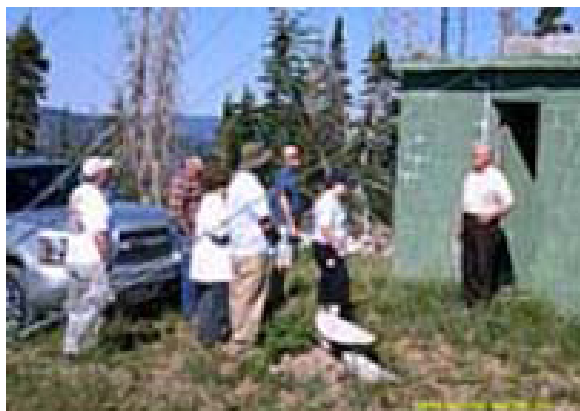
Meeting is at Jim Beal KG6LFUs Three Fountains Condo Rec Area (860th & Fountain Dr.) Call 435-586-1320 for more directions.

Club Social BBQ pot luck

(please bring a side dish or dessert)

## Club outing to Blowhard Mtn & Repeater

Photos by Jack Coulter KG7VEJ



## Updates by Linda Shokrian KG7PBX

### Upcoming events

Fox Hunt - 9a - 12 pm Saturday, July 29th at 3 Peaks Recreational Area Large Pavillion. There will be a potluck lunch if you wish to bring something to share

Annual Pot Luck Dinner Social will be held at Jim Beal KG6LFU's condo's recreation area at 6 pm on Tuesday August 8th. (No August Monthly meeting)

Gordon West, Meet and Greet - 7 pm Thursday August 17th at the Masonic Lodge, 2120 Skyview Dr. Cedar City

### 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.

### 2017 Technician Class

Our next Technician Class will be October 5th thru November 1st, meeting each Thursday evening from 6p - 9p at the Senior Center located at 489 E 200 South here in Cedar City.

The test will be held 6 pm Thursday, November 9th, also at the Senior Center. Handouts are available beginning at the RCARC monthly meetings.

### Emergency Communications Group

EComm meets every other month in even months. There was no meeting held in July.

Next EComm meeting is scheduled for August 17th, 2017 at 6 pm at the Visitor's Center. Please come as it is time for our annual board elections.

### CERT

There was no meeting held in July. Next CERT meeting is scheduled for August 17th, at 7 pm at the Visitor's Center. Topic TBA

### LEPC

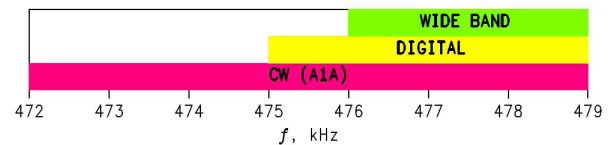
There was no meeting held in July. The next LEPC meeting will be August 16th, 2017 at 12 noon at the Heritage Center.

## ARRL NEWSLETTER

### Band Plan Proposed for Eventual Amateur Radio Use of 472-479 kHz

ARRL 630-Meter Experiment Coordinator Fritz Raab, W1FR, and LF/VLF enthusiast John Langridge, KB5NJD, have proposed a possible band plan for the pending 472-479 kHz Amateur Radio band. Raab said that once US radio amateurs are granted access to 630 meters, he would move stations operating under the blanket WD2XSH FCC Experimental (Part 5) license to 461-472 kHz.

“This will clear the amateur frequencies, while allowing the experimenters to run unattended propagation beacons without using the limited bandwidth that will be available to amateurs,” Raab explained in his spring 630-Meter Experiment Project Status quarterly report. “The new 630-meter band will have a very limited amount of spectrum (7 kHz).”



For more information see June 6th ARRL Newsletter

### Group Selected to Pursue DXpedition to Baker Island National Wildlife Refuge

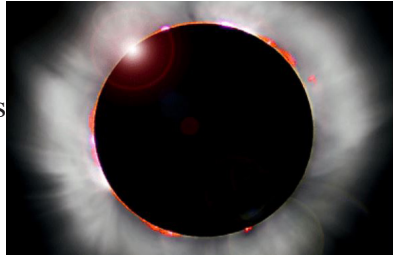
The Pacific Islands Refuges and Monuments Office of the US Fish and Wildlife Service (FWS) has selected the Dateline DX Association (DDXA) -- the DXpedition group that activated Howland Island in 2009 and Wake Island in 1998 -- to pursue a DXpedition to Baker Island. Dates have not yet been determined. Baker and Howland Islands (KH1) are part of the Pacific Remote Islands Marine National Monument (PRIMNM), created by former President George W. Bush in 2009. Baker and Howland is the fourth most-wanted DXCC entity on Club Log's DXCC Most Wanted List.

For more information see June 13th ARRL Newsletter

## Many Special Events Will Be on the Air to Mark the Total Solar Eclipse in August

Radio amateurs from several states will gather in southern Illinois on August 17-21 to operate special event station W9E, leading up to and during the 2017 solar eclipse on August 21. W9E, which will operate from Marion, Illinois, is one of several announced solar eclipse special events.

“This will be the first total eclipse on American soil since 1991, the first on the mainland United States since 1979, and the first to sweep across the entire country since 1918. It will be an event you do not want to miss!” the W9E announcement said. “The far southern tip of the state of Illinois is the only place viewers can see the totality of the eclipse.”



W9E plans to operate on 80, 40, and 20 meters (and perhaps other bands, if conditions permit), on CW, SSB, and digital modes (JT65, JT9, and PSK31).

For more information see June 20th ARRL Newsletter

## What happened at the last meeting July 11th

President Linda Shokrian KG7PBX called the meeting to order at 7 PM. She had everyone introduce themselves and say how many 2 M simplex contacts made.

Attendance:

KG7PBX	Linda Shokrian
K6QOG	Bill Stenger
AL7BX	George Gallis
KG7YID	Michelle Arnold
KG7YIB	Carolyn Bauer
N7SND	Larry Bell
KI7LUM	Bruce Bishop
KI7KON	Cory Bishop
WA7GTU	Don Blanchard
KI7LUO	Scott Brim
KI7LUN	Melody Brim

KI7LUR	Dan Carlson
KB7OWE	Don Carter
KB7UMU	Sylvia Clements
KI7DRE	Larry Coles
KG7VEJ	Jack Coulter
KD6SFS	Brad Gunderson
KA7J	Lance Jackson
K7VXV	Brody Johnson
KD7TTT	Terry Lee
KI7LUY	Jim Lunt
N7TCE	Merlin Mackay
KI7DRB	Bruce McDonald
KI7LVB	Tammy Nesmith
KI7LVC	Tim Nesmith
KI7DRA	Burton Nichols
K7ZI	Dick Parker
KG7WEN	Monti Rugebregt
KF7WIY	Denice Sheffield
KF7GPZ	Fred Sheffield
KC7UT	Roger Simister
KA7SWA	Kevin Truman
KF6NUD	Paul Fice
N7BO	Russ Chaffee
KB7QXB	Shirleen Chaffe
WD0CDG	Larry Heddings
Visitor:	Sherry Bishop

Secretary Bill Stenger K6QOG asked if there were any corrections to June's newsletter. None mentioned. Linda called for a motion to accept the minutes. Don Blanchard WA7GTU motioned to accept, seconded by Jack Coulter KG7VEJ. Vote unanimous.

Treasurer George Gallis AL7BX reported collected \$45 in dues and paid \$122.08 for electric bill. Balance is \$1774.91. Linda called for a motion to accept the financial report. Monti Rugebregt KG7WEN motioned to accepted and seconded by Ken Richter KR7KR. Vote unanimous.

Terry Lee KD7TTT mentioned the end cap on the antenna trailer needs modification and suggested the club acquire liability insurance from ARRL. Linda said we will discuss next meeting.

Linda reminded everyone: see George to join RCARC and Don for the VHF Society to join. In December the club will give away a Yaesu 857 All-Band transceiver. When you join the club and/or the VHF Society you will get a ticket for each and every

club activity that you participate in you will also get a ticket. That includes coming to meetings, Field Day, Fox Hunts, anything that is designated as a club activity.

**ALSO** on August 17th, 7pm at the Masonic Lodge, (2120 Skyview Dr.) there will be a **Meet and Greet** with **Gordon West**. Everyone is invited.

Don't forget to pick up a handout for instructions for the 2m Simplex Contest.

Winners of the Friendship Net Check-In:

**First:**

KA7HGX Tony  
KA7J Lance  
KB7UMU Sylvia

**Second:**

KG7EN Monti  
KI7LUM Bruce

**Third:**

K7NKH Lee

George Gallis AL7BX reported that there were approximately 635 contacts and around 1200 points. The report is incomplete as Byran was still finishing the report to the ARRL.

Don Blanchard WA7GTU reported

1) that all repeaters are up and running but some are not as good as they could be.

2) A friend has donated some equipment to the club and the equipment is at the back of the room. The equipment is for bid, so if interested sign the sheet next to the equipment and the price you are willing to pay.

3) Tomorrow there will be a Radio Drill for the hospitals in our five counties. If you are interested in Ecomm see me or Linda.

4) We are planning a field trip to the repeater site at Blowhard.

5) A friend said he getting to old for ham radio and wants to sell his radio (Kenwood 590SG). He also had a tower with antenna and the person who buys the radio for \$700 gets the tower and antenna.

Denice Sheffield KF7WIY reported on the needs and

experiences of Cedar City 1/2 Marathon on September 9th. There is a sign-up sheet for those who would like to participate.

Linda reminded everyone the Fire Road Race will be on August 19th. If interested in helping, please see Brad WA7HHE.

Merlin Mackay N7TCE gave information about the 2 classes for the L-Per Direction Finder to be held at Linda's house July 14th and July 19th.

The next Technician Class will begin Thursday October 5th at the Senior Center. If interested, call or email Linda.

## Presentation I

Bob Heil K9EID, via skype, gave his background and experiences in audio engineering.

He was born "When Rock n Roll was born".

He was an organist - became a music tech, developed an ear for sounds.

1982 - good sounds needs to be equalized, EQ 200, midrange 2.5K

Important to equalize Transmitter and Receiver  
Phasing microphone components are as important as phasing antennas.

## Presentation II

Terry Lee KD7TTT and Russ Chaffee N7BO gave a demonstration of SSTV ( Slow Scan TV) and description of equipment and computer programs.

Linda called for a motion to adjourn. Sylvia Clements KB7UMU motioned to adjourn seconded by Monti Rugebregt KG7WEN. Vote unanimous.

Linda adjourned the meeting at 9:05 pm.

Respectfully Submitted

Bill Stenger K6QOG  
Secretary