

Rainbow Canyons Amateur Radio Club
Corrected Minutes for March 10, 2015

Meeting was called to order by President Ken Richter KR7KR.

Ken invited everyone to introduce themselves .

Those present were:

K7ZI	Dick Parker
AL7BX	George Gallis
K2GRG	Greg Jackson
K7NJ	Riki Kline
KG7PBX	Linda Shokrian
KG7MAZ	Debra Frank
N6OJS	Fred Getman
N7TCE	Merlin Mackay
KG7PVM	James Jarrett
W7DRO	Darrell Olmsted
KA7QJN	Dennis Porter
KF7WIY	Denice Sheffield
KF7GPZ	Fred Sheffield
KA7DQY	David Lovell
KF7YWY	Cameron Abbaticchio
KG7NYJ	Devin Elliott
KG6LFU	Jim Beal
KR7KR	Ken Richter
K6QOG	Bill Stenger

Guests & Visitors:

Dennis Gaede 2W22 VIPS
Jim Urie
Jack Coulter

Treasurers Report:

George Gallis AL7BX reported last month's balance was \$1037.57. Paid out \$79.54 and took in \$85.00 and the total is \$1043.03. Denice Sheffield KF7WIY motioned to accept the minutes and seconded by Fred Getman N6OJS. Unanimous vote.

Bill Stenger K6QOG Secretary asked for any corrections to the minutes. None were offered. Jim Beal KG6LFU motioned to accept the minutes and seconded by Linda Shokrian KG7PBX. Unanimous vote.

Debra Frank KG7MAZ summarized the Citizen Corp workshop on Saturday February 28th at the Heritage Theater. Debra provided handouts with emergency preparations information.

Ken Richter KR7KR mentioned there are several opportunities to assist with radio communications.

June 6th, Ride the Gap starting and ending in Parawon

July 18th, Desperado Dual, a ride from Panquitch through Bryce and eventually back to Panquitch.

Two contests:

- 1) May 2nd & 3rd is the QSO Party. Bryon Densley W7RIV is the manager and this contest is for hams in the 7th call area to make as many contacts as possible. The contest can be on CW or SSB. It seems to be a relaxed contest.
- 2) June 27th & 28th is Field Day. This contest is under emergency conditions, battery or generator power either at home or a camp site or mobile and a portable antenna. The object is to contact as many stations as possible.

Dick Parker K7ZI mentioned the Scout Expo, May 9th, requested ham radio presence if we are available. Those interested see Ken or Dick after the meeting.

George Gallis AL7BX said he had Utah VHF Society books for those who are members and had not received one yet.

Bill Stenger K6QOG said our help is needed. Bill H.R.1301 has entered congress and if the bill is passed would allow hams that live in areas that have antenna restrictions to make allowance for ham antennas within reasonable dimensions. It is important that we notify our Senators and Congressmen that we need this bill to pass. They can be reached at:

Senator Mike Lee and Senator Orrin Hatch <http://www.contactsenators.com/utah>
Representative Chris Stewart www.house.gov and enter zip in Find Representative box.

Please copy and paste these urls and let our congressmen know this is important especially when emergencies arise. More and more developments with their CC&Rs will limit where hams can live and operate.

Dick Parker K7ZI presentation of Antennas that can improve the performance of your handheld radio and that you can make. The purpose of an antenna is to receive and radiate radio waves. Key elements to understand how an antenna works are:

Voltage = force or pressure

Current = electron flow

Power = watts = work

Radios are designed to work into 50 ohm load. Characteristics of an antenna are:

OHM is resistance

Z = impedance

Impedance is the complex combination of resistance and reactance measured in ohms.

Capacitive reactance speeds up current into the antenna

Inductive reactance slows down the current into the antenna

Capacitance and inductance are added to an antenna to make it resonate

Resonance:

To find the approximate length of half-wave length antenna:

$468/f$ (Mhz) = in feet

$468/146$ (Mhz) = 1.6 feet = 19 inches

Dick discussed beam, cubical quads and J pole antennas beside a whip on a hand held.

Dick answered questions.

Meeting was adjourned at 8:50 pm.

Respectfully Submitted

Bill Stenger K6QOG
Secretary

Next club meeting is at 7:30 pm on April 14, 2015 at the Iron County Sheriff's Search and Rescue Building. TOPIC: Repeaters presented by Don Blanchard WA7GTU. He will tell what repeaters are, what they do and how to use them.

A REMINDER from Debra Frank KG7MAZ:

Emergency Communications Group Meeting Thursday, April 16 at the Cedar City Visitor Center at 6:00pm.

CERT Monthly Meeting Thursday, April 16 at the Cedar City Visitor Center at 7:00pm.

Iron County Family Preparedness Training Friday, April 17 at the Cedar City Visitor Center at 6-10pm.
RSVP John Higley at 425-865-5332.

ALSO:

This was sent out by Jody Edwards the Chair of LEPC (Local Emergency Planning Committee):

" I have been requested by Jody Edwards to cordially request from everyone any information on any new companies or organizations that you may know of in our area that might need a formal invitation to attend our local chapter of LEPC. Jody would be more than happy to personally invite anyone so please don't hesitate to contact one of us with contact information of those you think might be interested."

So feel free to invite "any companies or organizations" to attend the LEPC meetings held at 12n at the Heritage Center the 3rd Wednesday of every month.
