



Rainbow Canyons Amateur Radio Club

Cedar City, Utah

Club Officers:

President:

KR7KR
Ken Richter

Vice-President:

K7ZI
Richard Parker

Treasurer:

AL7BX
George Gallis

Secretary:

K6QOG
Bill Stenger

Local Repeats:

146.980 Mhz
No Tone

146.940 Mhz
Tone 100 hz

146.760 Mhz
Tone 123.0 hz

Remote Base
449.500 Mhz
Tone 100 hz

Remote Base
449.925 Mhz
Tone 100 hz

IRLP/Echolink
449.900 Mhz
Tone 100 hz

Club meets on the second Tuesday of each month at Sheriffs Search & Rescue Bldg.

RCARC NETS:

Breakfast Net: 7:00am 146.98Mhz, no PL tone required, every weekday.

Friendship Net: 9:00pm 146.98Mhz, every evening.

Club breakfast is first Saturday of the month, 9:00am 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 most relaxing and friendly meal.

Next club meeting is Tuesday, November 10, 7:30 pm

TOPIC:

Officer Nomination, Batteries, Solar, Alternate Energy Sources

Local News

Ham Test

By Linda Shokrian KG7PBX

The RCARC club sponsored a Technician class on 2 Saturdays (10/17/2015 and 10/24/2015). The teachers who graciously volunteered their time to teach were Bill K6QOG, George AL7BX, Ken KR7KR, Gavin KC7IHE and Jack KG7VEJ. We started off with 10 students, 7 eventually took the exam; 2 students took the exam in St. George but did not pass, but all 5 students who took the exam in Cedar passed. Congratulations to our new Hams - Michelle Arnold, Kenneth Bauer & his wife Carolyn, Boyd Woolsey, and Tony Bennet KA7HGX who upgraded from Novice to Technician. Good job all of you, teachers and students.

RCARC EComm

Linda Shokrian KG7PBX

RCARC EComm meeting was held on Thursday October 15th, at the Visitors Center at 6 pm.

In attendance were John Higley - Iron County Emergency Manager, AL7BX George, KG7VEJ Jack, WA7HHB Mardi KG7PBX Linda.

Since there was not a quorum present, any business was postponed until the November meeting which will be held November 19th, 6 pm @ the Visitor's Center.

A Members List and Phone Tree prepared by WA7GTU Don was handed out to the

members present along with an Iron County Volunteer Application and Service Agreement. This form is to be filled out and returned to John Higley. Members not present will receive their copies of these documents at the next meeting they attend.

Announcements were made regarding the following: The Flu Shootout on Saturday October 17th; the SWUPH Radio Drill to be held on Tuesday October 20th and the ARES/RACES conference in Layton, UT on Saturday, October 31st (register on U-Train course # 1011069) sponsored by Utah Division of Emergency Management.

The meeting was adjourned early due to no business being discussed.

From ARRL Newsletter

World Radiocommunication Conference 2015 Starts on November 2

Amateur Radio's interests will be well represented as the 2015 ITU World Radiocommunication Conference (WRC-15) convenes on November 2 in Geneva, Switzerland. Preparations have been under way since the last WRC wrapped up in 2012. Held every 3 or 4 years, WRCs review, and, if necessary, revise the Radio Regulations -- the international treaty governing the use of the radio frequency spectrum.

The primary WRC-15 agenda item of interest to most radio amateurs is Agenda Item 1.4, which calls on delegates to consider the possibility of allocating an appropriate amount of spectrum -- not necessarily contiguous -- to the Amateur Service on a secondary basis within the band 5250-5450 kHz. Many amateurs have been hoping for a band, rather than the discrete channels now available in the US and in several other countries.

For more information see: ARRL Newsletter for October 28, 2015.



ARRL Field Day 2015 Results Now Available

Results of ARRL Field Day 2015 are now available. These include the searchable scores database, the soapbox, and the QST results article (PDF). A total of

2720 stations submitted entries for the ever-popular June 27-28 event.

The number of logs received appears to be an all-time ARRL Field Day record. This year saw 35,369 participants, down slightly from 2014.

A total of 1247 entries claimed the broad classification of "A" (which includes generator, commercial, and alternate/battery-powered entries). Joining that core group operating in temporary setups were an additional 315 Class B entries (one- or two-person entries). This indicates that 58 percent of all Field Day 2015 participants in some way took to the field. For more information see: ARRL Newsletter for October 28, 2015.

ARISS Celebrates 1000th Event, 15 Years of Permanent Ham Radio Presence in Space

This month, the Amateur Radio on the International Space Station (ARISS) program marked its 1000th space station Amateur Radio event, continuing a string that started 15 years ago, when the program established the first permanent ham radio presence in space. The inaugural ARISS contact took place on December 21, 2000, between a member of the ISS Expedition 1 crew and youngsters at Luther Burbank Elementary School near Chicago. Several pupils and a teacher got to chat on 2 meters with "Space Station Alpha" Commander William "Shep" Shepherd, KD5GSL. The contact had a rocky start. Attempts by the school a couple of days earlier had been unsuccessful, despite extensive technical preparations hampered by snowstorms and sub-freezing temperatures. That contact marked the first use of the special NA1SS call sign for a school contact. For more information see: ARRL Newsletter for October 28, 2015.

Use of 146.52 MHz FM Simplex Frequency Cleared for ARRL Contests

The ARRL Programs and Services Committee earlier this year unanimously adopted a recommendation from its VHF and Above Revitalization Committee to remove the rule prohibiting the use of 146.52 MHz simplex for making contest contacts. The change becomes effective in 2016, starting with the ARRL January VHF Contest.

For more information see: ARRL Newsletter for October 28, 2015.

What Happened at the last Meeting?

MINUTES FOR OCTOBER 13 MEETING

President Ken Richter KR7KR called the meeting to order at 7:35pm.

Those present were:

Kevin Raines KG7HZZ

Devin Elloitt KG7NYJ

Dick Park K7ZI

Ken Richter KR7KR

George Gallis AL7BX

Riki Kline K7NJ

Linda Shokrian KG7PBX

Jim Beal KG6LFU

Denice Sheffield KF7WIY

Fred Sheffield KF7GPZ

Dennis Porter KA7QJN

Robert Olla KC6VAG

Ken Munford N7KM

Bill Stenger K6QOG

Ken welcomed all to the meeting and had each one introduce themselves.

George Gallis AL7BX, treasurer reported last month balance was \$885.69 and had one withdrawal of \$79.53 for flowers for Ken Oliver's funeral. The ending balance for September is \$806.16.

Denice Sheffield KF7WIY motioned to accept the report, seconded by Jim Beal KG6LFU. The vote was unanimous.

Bill Stenger K6QOG, secretary called for any corrections, additions or deletions of September's minutes. There were none.

Dick Parker K7ZI motioned to accept the minutes as they are, Ken Munford N7KM seconded. The vote was unanimous.

Ken Richter congratulated Linda Shokrian as the newest Extra Class ham in the room. She past the test prior to the meeting. For a short time she will be KG7BPX/AE.

Linda Shokrian mentioned:

1) Tech class was held Saturday the 10th and part 2 will be next Saturday at the Visitor Center.

2) John Higby will hold a severe weather class tomorrow October 14th at 6:30pm at the Visitor Center.

3) There will be a ECOMM meeting at 6:30pm and CERT program at 7:00pm Thursday October 15th at the Visitor Center.

4) The South West Utah Public Health Department will be holding an exercise Tuesday October 20th in the morning. Not sure of the time. George Gallis AL7BX added that a new radio has been installed at the hospital and is up and running. The purpose of the exercise is to see if all 5 hospitals in 5 counties and communicate with each other and pass digital messages.

Program:

1) George Gallis AL7BX demonstrated the capabilities of APRS (Automatic Packet Reporting System) and displayed several types and sizes of interfaces including one mobile radio with built in APRS software. George mentioned some purposes for using this system.

2) Ken Richter KR7KR described what WSPR (Weak Signal Propagation Reporter) information is about band conditions and gives an indication of the direction your antenna is radiating. Ken projected a picture of a map with his location and where his 5 watts were heard on 20 meters.

3) Bill Stenger K6QOG showed a video using JT-65 at his home station and mentioned it is similar to PSK31 but the operating procedures is different. Transmissions last 48 seconds with 12 seconds of silence and then 48 seconds of transmission from the other station followed by 12 seconds of silence. Generally the grid locator and signal report are the piece of information transmitted. The transmission information is determined by the computer program.

4) Ken Munford N7KM showed and described how he made a compressed air sling shot.

Questions and answered followed.

Ken Richter KR7KR called for a motion to adjourn the meeting.

Riki Kline K7NJ motioned for adjournment and seconded by Fred Sheffield KG7GPZ. Vote was unanimous.

The meeting was adjourned at 9:15pm.