

Rainbow Canyons Amateur Radio Club

Cedar City, Utah

Club Officers:

President:

KR7KR
Ken Richter

Vice-President:

KG7BPX
Linda Shokrian

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 146.76Mhz, 123.0hz PL tone, every evening.

Club breakfast is March 5th 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 Tuesday, March 8th, 7:30 pm

TOPIC:

Riki Kline K7NJ and George Gallis AL7BX will demonstrate the N1MM+ logging software that we hope to use for field day and Riki Kline K7NJ will also give a presentation on Propagation.

DUES ARE DUE

Single \$15.00 Family \$20.00

Local News

CONGRATULATIONS

Kevin Raines KG7HZZ became our newest General Class ham.

Jim Beal KG6LFU celebrates his 90th birthday February 19th.

Still have problem with 146.98 repeater so both Breakfast and Friendship nets will be held on 146.76 MHz 123.0 hz PL tone for the time being.

Ecomm and CERT meetings for February were cancelled due to power outages at

the Visitor's Center. Next meetings will be held on March 17th from approx 8 am - 12 noon with the Southwest Public Health Department's SPANDEX XL exercise.

From Mel T Parks NM7P

I was very saddened to hear about the death of John Mabey, W7CWX. He passed away today, 17 February 2016, at about 1500 MST this afternoon after a long battle with cancer. To those of us who had the pleasure of interacting with John we know he will be missed in the circles of Amateur Radio. He was always in the mode of helping others and serving in many different capacities Just a few days ago I asked Mike

Collett, K7DOU, to prepare a few words or notes we could share with John at the next Utah VHF Society Meeting here is what he sent me and it really says it all:

A Special Letter to John Mabey, W7CWK

John, thanks for the precious memories! You've touched us all in so many ways over the years to contribute to our enjoyment of amateur radio and community service

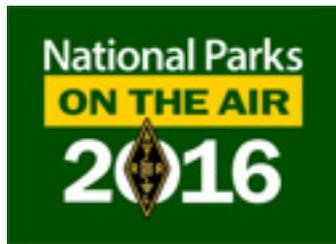
So many memories, so many enjoyable conversations.

John, thank you from the bottom of our hearts for the privilege of knowing you and working with you. It's been an absolute pleasure!

73,
The grateful Utah Amateur Radio Community.

Submitted by George Gallis AL7BX

The ARRLs National Parks on the Air event could be fun if you hit things just right. On Sat afternoon, Feb 20, I drove to the end of the road in the Kolob Cyn section of Zion National Park.



Using the FT857 and Hi-Q screwdriver mobile setup in my Subaru, I ended up on the receive end of quite a pileup. I did work 55 stations on 17 meters in about 45 minutes. One of the stations I worked first posted my freq on a spotter web site, that was the reason for the interest.

I went back the next day with Bryan, OOW, but we were only able to work 6 stations in an hour. Conditions were different and it was a bit earlier in the day.

WHAT SOME PEOPLE DO TO KEEP OUR REPEATERS ON THE AIR!

On January 26th Don blanchard WA7GTU and George Gallis AL7BX went up to Blowhard



repeater site. Snow cat was the only way to get into the repeater. They added a second power supply to the rack of link transmitters and turned all links back on. Seems to be working.

WHAT HAPPENS WITH A BIG ANTENNA AND BIG WIND?



Jon Hunter, K7JH, replacing the rotor on his 40 meter two element beam. The antenna is on a 75 ft telescoping tower but still needed a bucket truck to reach the antenna.

The wind on Feb 18 stripped the gears in his rotor and messed with more than a few other antennas in the area. Don Blanchard and George Gallis were on the ground as spotters for this project.

From ARRL Newsletter

New Amateur Extra Question Pool Puts Greater Emphasis on Digital, SDRs, Propagation

The new Amateur Extra class license examination question pool, effective from July 1, 2016, through June 30, 2020, now is available at the National Conference of Volunteer Coordinators (NCVEC) website. The latest revision contains a few minor corrections that had been released in a February 5 errata of the initial January 8 release. NCVEC Question Pool Committee Chair Rol Anders, K3RA, said the new pool represents a fairly significant change relative to the current question pool, which expires on June 30.



“The primary change is modernization of the pool to place more emphasis on digital communications, digital test equipment, software defined radios, and propagation/space weather,” he said. “Also, a number of other topics were added, including questions on some additional antenna types commonly used by radio amateurs.” Anders said that room to cover the new topics was made in the question pool by dropping some questions that had been in the expiring pool. Read more.

If interested, see Linda Shokrian KG7PBX for books and study material.

“Minimal but necessary changes” to 80 and 75 meters?

FCC Invites Comments on ARRL Petition That Seeks 80/75 Meter Adjustments

The FCC has put the ARRL’s January Petition for Rule Making (RM 11759) on public notice and invited interested parties to comment on what the League has called “minimal but necessary changes” to 80 and 75 meters. The ARRL petitioned the FCC to fix a “shortfall in available RTTY/data spectrum” that the Commission created when it reapportioned 80 and 75 meters 10 years ago. The League’s petition asked the FCC to shift the boundary between the 80 meter RTTY/data subband and the 75 meter phone/image subband from 3600 kHz to 3650 kHz. The proposed change received strong support from ARRL members, and the ARRL Board of Directors adopted it as policy at its July 2015 meeting. At that time the Board also agreed to seek RTTY and data privileges for Novice and Technician licensees within their current 15 meter CW subband, and to do the same on 80 meters, depending on the outcome of the 80/75 meter subband revision.

The petition asks the FCC to make the following changes to the Part 97 Amateur Radio Service rules, with respect to 80/75 meters:

Modify the RTTY/data subband, so that it extends from 3500 kHz to 3650 kHz.

Modify the phone/image subband, so that it extends from 3650 kHz to 4000 kHz.

Make 3600-3650 kHz available for General and Advanced Class licensees, as was the case prior to 2006.

For more information see ARRL NEWSLETTER

Would you like a lifetime Amateur Radio license?

The FCC is seeking comments on a Petition for RuleMaking (RM 11760

- available on the web at, <http://apps.fcc.gov/ecfs/document/view?id=60001333714>) that asks the FCC to grant lifetime Amateur Radio licenses. Mark F. Krotz, N7MK, of Mesa, Arizona, filed his request with the FCC last November. He wants the FCC to revise Part 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder’s lifetime, instead of for the current 10 year term.

What Happened at the last Meeting?

The meeting was called to order by Ken Richter KR7KR at 7:33 pm

Present were:

K7ZI Dick Parker
N7BO Russ Chaffee
WA7HHE Brad Biedermann
KB7HHB Mardi Biedermann
KR7KR Ken Richter
KG7PBX Linda Shokrian
N6OJS Fred Getman
WD0CDG Larry Heddings
KC6VAG Bob Olla
KC7UT Roger Simister
KA7HGX Tony Bennett
K7VNH Dave Owens
N7SIY Joel Clements
KB7UMU Sylvia Clements
AL7BX George Gallis
WA7GTU Don Blanchard
KA7QJN Dennis Porter
KB7OWE Don Carter
K7NJ Riki Kline
KG7YIC Kenneth Bauer
KG7YIB Carolyn Bauer
N7DLJ David Johnson
KG7YIA Boyd Woolsey
KF7GPZ Fred Sheffield
KF7WIY Denice Sheffield
KG7SYL Jim Urie

Visitors:

Roy Payton
Dennis Gaede

Welcome done by Ken and introductions were performed.

Bill Stenger is out of town. Dick Parker K7ZI filled in for him. Minutes from last meeting approved by

general membership.

Treasurer's Report by George Gallis AL7BX
Previous Balance 1/1/2016 \$ 836.16
Dues received & deposited + 335.00
Pymt to Rocky Mountain Power - 133.14
Pymt for 3 Peaks Recreational Area/Field Day - 50.00
Balance as of 2/5/2016 \$ 988.02

Financial Report approved by general membership.

Surprise announcement made - Jim Beal KG6LFU turns 90 on February 19th. As Jim had expressed a desire to upgrade his license someday, a gift of the ARRL General License manual was given to him.



After the meeting, Linda KG7PBX told Jim the story of a 70 year old woman in Sacramento, CA who had decided to go back to college and she was being interviewed by a reporter.

The reporter asked if, in making her decision, she had considered the fact that it would take her 5 years to get her degree and she would be 75 years old. Her answer was, in 5 years she was going to be 75 years old no matter what she did. So her decision was did she want to be 75 years old with a degree or 75 years old without a degree...she choose to be 75 with a degree. Moral of the story - you are never to old to learn and time is going to pass no matter what you do. Make the most of it.

Dave Owens K7VNH announced that Enoch City will be putting on a 5K & 10K race on the 4th of July. He is requesting RCARC's help with the races. Dave also handed out a flier announcing a "Medical Management and Response to Bombing Incidents" class to be held at the Dixie Applied Technology College in St. George on May 24-25 for anyone who is interested. The course is free and registration is via Utrain, course # 1061224

Don Blanchard WA7GTU received an email from Jim Linton VK3PC, from the International Amateur Radio Union (IARU) Region 3 Disaster communications Committee requesting further information regarding our Seimos exercise. Mr. Linton is a ham radio operator in Australia. Here is a copy of Don's rely which he read at the meeting -

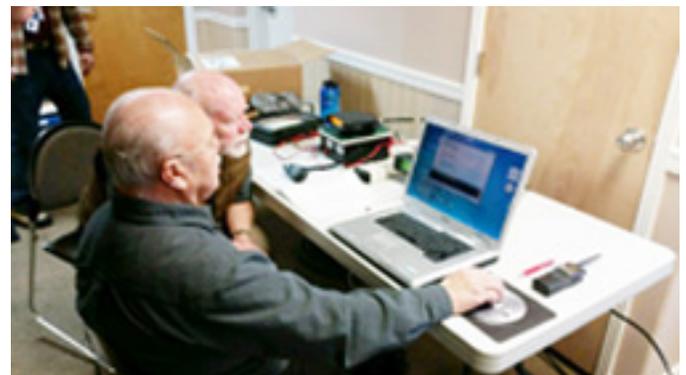
The Seimos Exercise was put together by our Iron County Emergency Management Coordinator, John Higley, in cooperation with Company 213 of the Utah National Guard. It involved the Section Chiefs of the various organizations, such as the Sheriff's Office, City Police, Fire Department and local hospital as well as the ECOM Group from the local amateur radio club (Rainbow Canyons Amateur

Radio Club). We had 17 participants from the ECOM group, which was nearly everyone that belongs to that group. We have around 160 amateurs in the area, but not all belong to the club and not all club members are involved with the ECOM Group. We had amateurs operating from within the ECC (Emergency Coordination Center) where the Section Chiefs were stationed. These amateurs were in contact with amateurs located in the CERT trailer as well as the hospital. We communicated using both simplex and local mountaintop repeaters. Teams were deployed to various sites to do simulated damage assessments and reported in using both voice and digital communications. The digital communications allowed us to provide those messages directly into the IC-213 forms required by the government. A local LAN was set up by the amateurs that could be accessed by both the amateurs and the ECC Section Chiefs and the ECC Manager. We were able to send digital messages as well as pictures that they could access

directly via the LAN. We also sent messages to and from the amateur station that is permanently set up at the Cedar City Hospital. The Emergency Coordinator for the hospital was in Salt Lake (250 miles to the north) during the exercise and we were able to send and receive messages to and from him via email. On Friday and Saturday we interfaced with the National Guard and worked on how we could best handle traffic that they might need to send through our channels. Although we did find a few snags, we were able to quickly work around them and felt that the exercise was highly successful.

Some of the key people that made it all successful were Brad Biedermann, WA7HHE, George Gallis, AL7BX, Linda Shokrian, KG7PBX, and Ken Richter, KR7KR.

Below is a picture of Don, WA7GTU (foreground and Brad, WA7HHE, background) operating digital communications in the ECC.



(Photo by: John Higley)

We are a little curious as to how you heard about our exercise - you are a long way from Utah.

Thank you for your interest.

Don Blanchard WA7GTU

John Higley sent out a notice to all news agencies that we had been contacted by Mr. Linton and that our exercise had received international attention.

The problem with being unable to park on the Search and Rescue building parking lot was discussed, especially for our special needs operators. Various locations were mentioned along with pros and cons. The decision was made to stay at the S&R building for the time being and have President Ken KR7KR talk to our host and see if some resolution could be reached for our handicapped operators.

George Gallis AL7BX talked briefly about the National Parks on the Air program (NPOTA) and the importance of checking the individual park for its regulations and fees to operate in the park. George mentioned several places to work in and around our area. A more complete list is on the back of last month's NPOTA flier.

George also brought us up to date on Field Day, June 25th & 26th preparations. We are trying for a full 24 hour operation this year. It will be held at 3 Peaks Recreational area at the large pavilion. There are camping sites nearby. A sign up sheet was circulated for anyone interested in possibly helping out. The logging program N1MM+ was mentioned (multiple stations - one logbook) and will be demonstrated at the March meeting. Linda KG7PBX had handouts on 3 Peaks and NPOTA flier. She will be bringing them to the March meeting also.

Bob Olla KC6VAG gave an excellent presentation on Radio Astronomy which Roger Simister KC7UT recorded and posted on line for anyone who missed the meeting and would like to hear the presentation. Bob provided a handout and Linda KG7PBX has copies for anyone who would like one. She will bring them to the March meeting also. To listen to the presentation, go to -

http://www.mediafire.com/listen/c6rerzmpno65ys1/Radio_Astromany_Bob_Olla.wav

Judging by the response and questions asked afterwards, it was a presentation enjoyed by all. A big thank you must also go to Bob KC6VAG for providing the 2 radio astronomy give away books for this month's drawing.

The meeting was adjourned at 8:55 pm and everyone stayed after to enjoy Jim's birthday cake.

Thanks to Denice for her pictures of Jim and his cake.

The Rainbow Canyons Amateur Radio Club (RCARC) is Sponsoring an Amateur Radio

Technician Class

Beginner Level for Ham Radio

Dates: Tuesdays - March 15, 22, 29 and April 5, 2016

Time: 6:00 pm - 9:00 pm

Where: West Conference Room
Cedar City Visitor's Center
581 N. Main St, Cedar City, UT 84721

Cost: Free

Study Manual: Free Download
<http://www.vhfclub.org/downloads/License%20study%20Syllabus's/Technician-rev1-7.pdf>

Contact to register:
Linda Shokrian KG7PBX
435-867-5914 or
email: lgshokrian@gmail.com

Test will be at 6 pm April 12th at the Search & Rescue Building - 1542 W. Kitty Hawk Dr., Cedar City

General Class

Dates: Tuesdays - May 17, 24, 31 and June 7, 2016

Time: 6:00 pm - 9:00 pm

Where: West Conference Room
Cedar City Visitor's Center
581 N. Main St, Cedar City, UT 84721

Cost: Free

Study Manual: Free Download
http://www.arrl.org/files/file/Instructor%20resources/General%20Class/AD7FO%202011%20General%20syllabus%20rev%201_02.pdf

Contact to register:
Linda Shokrian KG7PBX
435-867-5914 or
email: lgshokrian@gmail.com

Extra Class

Contact Linda Shokrian
435-867-5914