HUALAPAI AMATEUR
WB6RER
RADIO CLUB

The Rumble

Next Meeting
Apr 3, 2024 6:00PM

Program
tbd, maybe ask a question?

Meeting Location:
Northern AZ Fire Station #31,
2600 Northern Ave

From the Pres February 2024:

Letter from the President:
Greetings everyone. It's good to be back home. My wife and I had a great time in Spain & Portugal. We were, however, trashed by the time we returned to Kingman. Spain is a great place to visit with a lot to see and a lot of good food to eat. While it is a relatively poor country, I can vouch for the fact that the people there seem happier than most Americans and their primary highways and infrastructure in general are in far better repair. I feel like we saw a high percentage of the Iberian Peninsula and learned a great deal about Spain's and Portugal's history and their current state of affairs. I can heartily recommend a similar tour to you. We used Insight Tours and ours was a bus tour that encircled the entire Iberian Peninsula counterclockwise, beginning in Madrid traversing through Portugal, and ending in Barcelona.

In my first letter, I discussed the topic of participation. The long and short of it was that you get out of any endeavor what you put into it. I am pleased to report that several people took that recommendation seriously. A lot is happening in H.A.R.C. After the Vice-President's Club Breakfast on the 23rd, Dean Kohler held a team meeting on the 145.49 club repeater with fifteen participants. There is some serious interest developing in the area of emergency communication within our club which is good to hear. The core reason for the existence of Amateur Radio and retention of its frequency allocations is to provide communication local, state, and nationwide in the event of an emergency.

Mike Risser with a team of about 6 club members continues to move forward with plans to build a first-class mobile emergency communication platform. Tom Shiller is pitching in consulting and building towers and antennas for the project. Scott Henry has rounded up a couple of 250-watt, donated, solar panels & Tom is designing a rack that will hold, raise, and lower those panels so that they will operate at high efficiency. Wayne Glover has donated deep-cycle batteries and other rigging. Other pieces of equipment have been donated by various club members to enhance communication capabilities. To date, none of the $500 you have approved for the project has been spent.

Fox hunters are still fox hunting usually with 5 or 6 guys and/or gals participating. If you haven't tried it, you should give it a shot. There are no particular requirements for beginners. Those already participating have extra antennas and radios and are happy to give anyone interested some OJT. It is exciting, it is doable for anyone, it is inexpensive; I know because I have been doing it. It fosters a lot of good Ham friendships. Our new Club Treasurer, Alan Webster, started fox hunting and is now our club treasurer. Talk about moving up in the ranks!

The balloon guys are still sending up balloons. Unfortunately, several have been mistaken for U.S. Spy Balloons and, our guess is, were shot down by the Chinese Air Force. Several have been spotted at nearly 50,000 feet and have circled the globe more than once evading detection. For all you stolid-faced Chinese spies out there—this is a tongue-in-cheek joke.

By now most of you know that Vicki Zumwalt has donated her D-Star repeater equipment to the club. Thank you, Vicki! After dotting all the I's and crossing all the T's with the regulatory authorities, the equipment has been moved and work has begun to install the equipment next to our two-meter repeater at the KRMC Hualapai Campus radio center. I am currently looking for someone to give a talk at one of our club meetings about what D-Star is, and what D-Star does. Any takers? My understanding is that in terms of long-distance communication, there is no limit, solar flares, or no solar flares.

I know there are others out there working hard for our club. Forgive me if I have forgotten to give you a shout-out. My hard drive is overloaded and it drops data regularly much to my chagrin. All of you are very much appreciated. You make me look good.

73,
Jerry Zitterkopf, WS7T, President H.A.R.C.

CLUB EVENTS

April 27th 8AM Saturday Breakfast at the "Truck Stop" Denny's (Flying J) North of the Freeway on the East Side of "66".

Billy and Tom celebrating that we got the monster through the entry doors. Now to the elevator, down the hallway, a sharp turn into the room and then slide it next to our existing 2mtr FM machine.

From H.A.R.C. Director and immediate Past President, Rick, K7CNT:

Repeater update:
The three band D-Star system which will be a public "open" repeater system was moved into the KRMC Hualapai Campus building last week. The moving crew was William (Billy) K7FRW, Tom N6BT and myself Rick K7CNT.

The rack with the 3-band system is quite heavy, but we got'er done. Again, a big thank you goes out to Vicki N6KLS for letting us use the system. She will remain the trustee for the station and HARC will maintain it. Tom N6BT will be in charge of the antennas and cabling. Fun, Fun, Fun

The March Fox Hunt winner was Scott KK7KBQ, congratulations Scott !

I participated in the Annual CQ WPX SSB Contest during the March 30-31 event. I put in 10hrs 2minutes and walked away with 146 Q's, 134 multipliers for a score of 36,850. That is a personal record for me. I spent most of my time on 15 meters with some time on 20m, 10m, 40m also. But 15 meters was the big producer for my meager effort. I never called CQ once, I just went up and down the bands spinning the VFO dial. Worked 33 countries on 6 continents. It was a lot of low pressure fun and I look forward to next year.

I have been working and testing a portable vertical antenna, one of Tom Schiller's (N6BT) designs.

Utilizing a tuned radial for the RF return instead of radial wires. So far, I am very impressed with the performance.

I worked a Russian station on 15 meters when I took it out for its first test and that station was easy to hear - not down in the noise. East coast, no problem! I'm sold on it and it will be my go-to portable HF antenna now. Thanks Tom !

May God bless you

Thank you, Rick/K7CNT 73

Chs-rick@live.com

In this month of April …

April 2 1889 Charles Hall patented an inexpensive method for the production of aluminum, which brought the metal into wide commercial use.

April 7 1896 Tolbert Lanston was issued a patent for a monotype printing press.

April 8 1766 The first fire escape was patented—the contraption was a wicker basket on a pulley with a chain.

April 11 1893 Frederic Ives patented the process for a half-tone printing press.

April 16 1867 Wilbur and his brother Orville Wright invented the airplane, which they called a flying machine. The first flight of the Wright Flyer, however, wasn't until December 17, 1903: Orville piloting, Wilbur running at wingtip

April 18 1916 Irving Langmuir received a patent for an incandescent gas lamp. Some of his other accomplishments include atomic-hydrogen welding and **contributions to the development of the radio vacuum tube**.

April 22 1864 The United States minted the first coin with "In God We Trust" on it. Then, in 1955, Congress declared that all U.S. coins would be minted with "In God We Trust" on them.

April 25 1961 Robert Noyce was granted a patent for a semiconductor device-and-lead structure, the **integrated circuit otherwise known as the chip**. Noyce was the co-founder of **Intel Corporation**.

Birthdays in April

April 1 1922 American computer scientist Alan Perlis was best known for his pioneering work in **programming languages**.

April 4 1823 Karl Wilhelm Siemens was an inventor who laid undersea cables.

April 5 1951 Dean Kamen invented the Segwey, and several other things, including the AutoSyringe, a mobile dialysis system, and the first **wearable insulin pump**.

April 6 1953 American inventor Andy Hertzfeld was a co-inventor of the **Apple Macintosh**; he started a new company called General Magic.

April 9 1919 John Presper Eckert was the co-inventor of the first all-electronic computer called the **ENIAC**.

April 15 1452 Italian painter **Leonardo da Vinci** was also an inventor.

April 16 1867 Wilbur Wright co-invented the first manned and engined airplane.

April 19 1931 American computer scientist Fred Brooks is best known for managing the development of **IBM's System/360 computers**.

April 25 1874 Guglielmo Marconi invented a radio system and won a Nobel Prize in 1909.

April 27 1791 Inventor Samuel Finley Breece **Morse** was born – aka "Samuel F B Morse."

OPERATING

(use ctl-click to follow the links)

NRAU 10m Activity Contest 1800Z-1900Z, Apr 4 (CW) and 1900Z-2000Z, Apr 4 (SSB) and 2000Z-2100Z, Apr 4 (FM) and 2100Z-2200Z, Apr 4 (Dig)

https://www.contestcalendar.com/contestdetails.php?ref=562

NCCC FT4 Sprint 0100Z-0130Z, Apr 5

https://www.contestcalendar.com/contestdetails.php?ref=741

NCCC Sprint 0230Z-0300Z, Apr 5

https://www.contestcalendar.com/contestdetails.php?ref=44

Georgia State Parks on the Air 1200Z, Apr 6 to 2359Z, Apr 7

https://www.contestcalendar.com/contestdetails.php?ref=738

Missouri QSO Party 1400Z, Apr 6 to 0400Z, Apr 7 and 1400Z-2000Z, Apr 7

https://www.contestcalendar.com/contestdetails.php?ref=327

Florida State Parks on the Air 1400Z-2200Z, Apr 6 and 1400Z-2200Z, Apr 7

https://www.contestcalendar.com/contestdetails.php?ref=612

Mississippi QSO Party 1400Z, Apr 6 to 0200Z, Apr 7

https://www.contestcalendar.com/contestdetails.php?ref=308

Louisiana QSO Party 1400Z, Apr 6 to 0200Z, Apr 7

https://www.contestcalendar.com/contestdetails.php?ref=250

Solar Eclipse QSO Party 1400Z-2400Z, Apr 8

https://www.contestcalendar.com/contestdetails.php?ref=616

NCCC FT4 Sprint 0100Z-0130Z, Apr 12

https://www.contestcalendar.com/contestdetails.php?ref=741

NCCC Sprint 0230Z-0300Z, Apr 12

https://www.contestcalendar.com/contestdetails.php?ref=44

DIG QSO Party, CW 1200Z-1700Z, Apr 13 (20m-10m) and 0700Z-0900Z, Apr 14 (80m) and 0900Z-1100Z, Apr 14 (40m)

https://www.contestcalendar.com/contestdetails.php?ref=691

New Mexico QSO Party 1400Z, Apr 13 to 0200Z, Apr 14

https://www.contestcalendar.com/contestdetails.php?ref=286

Georgia QSO Party 1800Z, Apr 13 to 0359Z, Apr 14 and 1400Z-2359Z, Apr 14

https://www.contestcalendar.com/contestdetails.php?ref=328

QRP to the Field 0800-1800 local, Apr 20

https://www.contestcalendar.com/contestdetails.php?ref=432

Nebraska QSO Party 1100Z, Apr 20 to 2259Z, Apr 21

https://www.contestcalendar.com/contestdetails.php?ref=336

Texas State Parks on the Air 1400Z, Apr 20 to 0200Z, Apr 21 and 1400Z-2000Z, Apr 21

https://www.contestcalendar.com/contestdetails.php?ref=559

Michigan QSO Party 1600Z, Apr 20 to 0400Z, Apr 21

https://www.contestcalendar.com/contestdetails.php?ref=323

Ontario QSO Party 1800Z, Apr 20 to 0500Z, Apr 21 and 1200Z-1800Z, Apr 21

https://www.contestcalendar.com/contestdetails.php?ref=357

ARRL Rookie Roundup, SSB 1800Z-2359Z, Apr 21

https://www.contestcalendar.com/contestdetails.php?ref=500

NCCC FT4 Sprint 0100Z-0130Z, Apr 26

https://www.contestcalendar.com/contestdetails.php?ref=741

NCCC Sprint 0230Z-0300Z, Apr 26

https://www.contestcalendar.com/contestdetails.php?ref=44

Florida QSO Party 1600Z, Apr 27 to 0159Z, Apr 28 and 1200Z-2159Z, Apr 28

https://www.contestcalendar.com/contestdetails.php?ref=325

AGCW QRP/QRP Party 1300Z-1900Z, May 1

https://www.contestcalendar.com/contestdetails.php?ref=7

NCCC FT4 Sprint 0100Z-0130Z, May 3

NCCC Sprint 0230Z-0300Z, May 3

7th Call Area QSO Party 1300Z, May 4 to 0700Z, May 5

https://www.contestcalendar.com/contestdetails.php?ref=404

and also http://7qp.org/

Indiana QSO Party 1500Z, May 4 to 0300Z, May 5

https://www.contestcalendar.com/contestdetails.php?ref=8

Delaware QSO Party 1700Z, May 4 to 2359Z, May 5

https://www.contestcalendar.com/contestdetails.php?ref=240

New England QSO Party 2000Z, May 4 to 0500Z, May 5 and 1300Z-2400Z, May 5

https://www.contestcalendar.com/contestdetails.php?ref=10

7th Call Area QSO Party -- 2024 Rules (partial)

1300 UTC Saturday to 0700 UTC Sunday (6 AM to midnight PDT the first Saturday in May). 7th call area stations work everyone, others work 7th-area stations only. Work stations once per band/mode. 7th-area mobiles (and those participating in other concurrent QSO parties or contests) may be worked again as they enter new counties. ***ARRL Contest and HF Contest rules apply, but these 7QP Rules take precedence.*** Rule changes are shown in ***bold italic***.

Entry categories: (Use of spotting assistance is permitted in all categories)

- Single-op: high-power, *low-power <100W*, QRP <5W; CW, Phone, Digital, Mixed
- Multi-single: high-power, low-power
- Multi-multi. No differentiated mode or power levels
- 7th-area County Expedition (an operation from a temporary location using antennas installed for the contest period, using temporary supports or trees): either

    - single-county, county-line; single-op, multi-single, multi-multi; or
    - open (anything else, including location changes)
- Mobile (station self-contained and capable of motion): single-op (unassisted -- performs all operating, logging and driving; for safety reasons, should operate only while parked), multi-single (any other mobile operation); high-power, low-power; CW, Phone, Mixed. Use of APRS (location and call only) is allowed.

Awards: Certificates will be awarded to the top three finishers in each category within and outside the 7th call area, plus the top overall finisher *in DX* and in each state/province and 7th-area county; a 25-QSO minimum applies. See the website for a list of plaques to be awarded.

Exchange: 7th-area stations send signal report plus 5-letter state/county code (e.g., ORDES; see list). County-line stations send multiple codes, e.g., UTRIC/IDBEA (state code needed only once, e.g., ORDES/JEF). Non-7th-area stations send signal report plus state/province/"DX" two-letter codes. Stations in other QSO parties send their appropriate exchange. The 13 "Provinces" are VE1-9, VO and VY0-2. County-line contacts may be logged with one entry showing all counties or with separate entries for each county.

Bands: 160, 80, 40, 20, 15 and 10m. Suggested operating frequencies: 1815 and 40 kHz up on CW, except on 40m, where 7025-7035 is suggested (a window for mobiles to call CQ should be observed from 35 to 40 kHz up; others should not call CQ or run stations there); 1845, 3855, 7180, 14255, 21355 and 28455 on SSB; 80 kHz up on PSK; 86 kHz up on RTTY. Check 80m at 0500Z, 160m at 0530Z. All CW and Digital contacts must be in the CW/Data sub-bands.

Scoring: 2 points per SSB QSO, 3 points per CW QSO, 4 points per Digital QSO. County-line contacts count as multiple QSOs for both stations. 7th-area stations multiply total QSO points by the total of states (50), provinces (13) and other DXCC entities (maximum of 10). Non-7th-area stations multiply total QSO points by 7th-area counties worked (259).

Logs: ***All logs must be received by May 15***.

- Cabrillo logs (preferred) may be uploaded to https://7qp.contesting.com.
- Non-Cabrillo plain-text logs may be submitted via web form.
- ***Log submission via email is no longer available.***
- Paper logs *(containing no more than 40 QSOs)* may be mailed, with a completed summary sheet, to 7QP, c/o CODXC, 61255 Ferguson Rd, Bend OR 97702.

…end