

THE eQRM

APRIL 2023



**April Showers bring
May flowers**

The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ

2M Repeater

145.310

PL 131.8



On the Cover: April is the traditional month of rain. I always look forward to the daisies that bloom in our pastures. I pick a fresh bouquet weekly and put them on the table. It doesn't hurt that daisies are my wife's favorite flower. This is one of my favorite ways to celebrate Spring!

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Check into our nets

Wednesday 2 Meter

8:30PM on 145.310 MHz PL 131.8

Wednesday 10 Meter

9:00PM on 28.470 MHz

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Who We Are

2022 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Dan Grazulis, KB3VSP

2nd Vice Pres.: Doug Lawrence, K3GTX

Treasurer: Pam Spencer, W3PMS

Secretary: Tom Stoops N3XC

Director: Tony Pavilonis, K3AHP

Director: Jim Allen, KC3IXE

Trustee: Doug Hanna, N4YKQ



MONTHLY MEETINGS

E-Board meetings are now held the Saturday before the monthly club meeting.

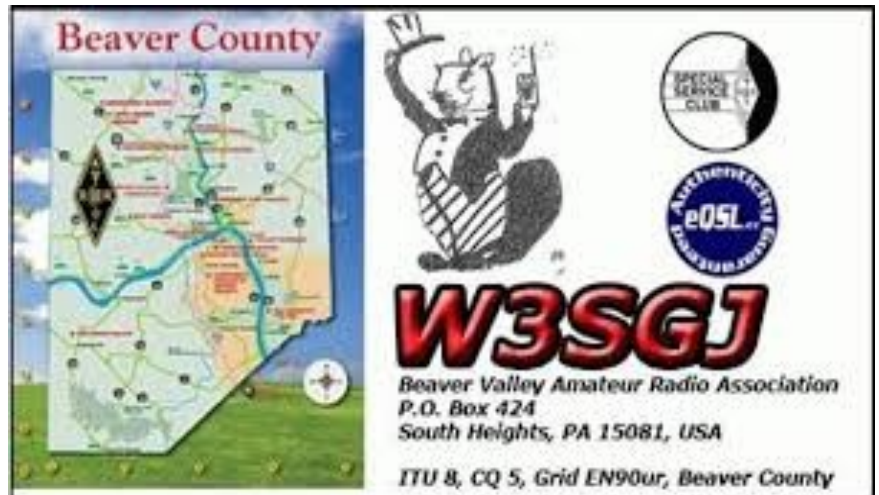
VE testing begins at 5:00 PM.

Regular meetings are at 6:30 PM

All meetings are held at the Beaver County Emergency Services Center (A.K.A. THE 911 Center)
351 14th Street
Ambridge, PA 15003
on the second Thursday of every month (unless otherwise stated).

2023

- Apr 13
- May 11
- Jun 08
- Jul 13
- Aug 12 Corn Roast
- Sep 14
- Oct 12
- Nov 09
- Dec 09 Christmas Party



April Fools

This Month

This Month:

Speakers:

Rich Soltesz, K3SOM

Topic:

Logging Your Entries
For the
100th Anniversary Week

Including:

Continuing with our BVARA Presentation Series this year, our topic this month highlights how you can easily log your contacts during our 100th Anniversary Week from April 15th to April 22nd, 2023. Once your unique call sign has been assigned to you, you may choose your mode, your day and time of operation, and make contacts with other hams from around the world as W3S/1 or W3S/2 or whatever is your assigned call for this Special Event.

To make our club response *much easier*, you are asked to record your contacts including date, time (UTC), frequency/band, mode, name and State/Province/Country in a logging program of your choice. At the conclusion of the week, you are then going to export you contacts from the logging program of your choice into a text file known as an 'ADI or adi' file, For example, if you are assigned the Special Event Station callsign of W3S/12, you would 'Export' a text file called W3S_12.adi and send it to the club as an email attachment. File names are not permitted that contain special characters such as a forward slash ('/'). By accumulating all contacts in one place using 'Import', the club can create a list of all of the contacts that were made using our Special Event call sign for use in direct QSLs, LOTW, or eQSL. With that master log, QSLs and/or Certificates can be sent out by the club.

If you are already using logging software, then you are probably well aware of the usefulness of import and export capabilities. But if are new to the hobby or a seasoned veteran who would like to learn about how easy it is to save this information, then this presentation will be quite informative to you.

But wait, there's more! We'll look at a few popular packages and show you how useful they can be. This presentation should be brief but informative. You won't want to miss this presentation.

Rich's Background:

Extra Class Ham, Licensed since 1962, VE,
B.S. Electrical Engineering,

More this Month

Weekly

The Freedom Square Diner in Monaca has a great wait staff. Come let them take your order.

Thursday Morning Breakfast
(or you can have lunch)



Come join us!

The BVARA meets every Thursday at the Freedom Square Diner in Center Township, just to the right of the Cinemark Center Township Marketplace at 09:30 AM. All radio amateurs and those interested in amateur radio are encouraged to come join us at our Thursday morning breakfast.

See you Thursday at



The eQRM urges all Beaver County licensed amateurs to participate in the County's RACES and ARES programs.

Any Beaver County Amateur that is interested in participating in the RACES/ARES programs can do so by checking into the Beaver County Public Service Net which meets every Monday evening at 8:30 PM local time on the WW3AAA 146.850 MHz repeater (131.8 PL)

RACES / ARES
The eQRM Urges All County Hams to Participate.



Get your License or Upgrade

If you are interested in getting your first FCC license or upgrading your current amateur radio license, the Beaver Valley Amateur Radio Association holds VE Test sessions (Volunteer Examinations) the second Thursday of each month at the Beaver County Emergency Services Center in Ambridge Pennsylvania prior to our BVARA Club meeting. If there is no meeting there is no test session. Please come take your test with us!

For more information, contact :
Rich Soltesz, K3SOM
(724) 847-0610
k3som@arrl.net



VE TEST SESSIONS

Beaver County Emergency Services Center 351 14th Street Ambridge, PA 15003.
Tests begin promptly at 5 pm on the same day as BVARA Club Meetings
(the second Thursday of the month).
All classes of amateur radio license tests are administered.



ALL candidates MUST bring ALL of the following:

1. 2 forms of I.D. - one MUST be a photo I.D.
2. A pencil AND a pen with blue or black ink.
3. The original AND a photocopy of any valid ham license.
4. The original AND a photocopy of any C.S.C.E.
5. The test fee of \$15 - cash only.
6. Your FRN Number. (free from the FCC, call for details)



New License and Upgrades

BVARA VE Testing

Testing this Month :



March 2023 VE Test Session Results

Our March VE Test Session had three successful candidates, with their achievements of obtaining a license and upgrading a license class. Our electronic filing system once again worked superbly.

Our testing was conducted at our normal location at the Beaver County Emergency Services Center in Ambridge, PA. Our next VE Test Session will be on March 9th, 2023.

Congratulations to:

Ken Burns, KC3VSG, Hookstown, PA passed the Technician exam
Floyd Traud, KC3VSB, Clinton, PA passed the Technician exam
Andy Zelazny, KC3VOI, Aliquippa, PA passed the General exam



All of our BVARA testing would not be possible without the help of the following Extra-Class VE Team members who are shown above. Top row includes: Reg, W3REG, Tony, K3AHP, Mick, N3OJP. Bottom row includes: Bart, KB3NFM, Frank, W3FJW, and Bob, N3AZZ.



73 from Rich Soltesz – K3SOM, VE Liaison

Membership Information

By becoming a BVARA member you help secure the future of Amateur Radio in Beaver County. Additionally, the BVARA receives a portion of each ARRL membership you purchase!

Join the BVARA and ARRL

Sign up for:	Price	
<input type="radio"/> BVARA full membership	25.00	_____
<input type="radio"/> BVARA student membership	15.00	_____
<input type="radio"/> BVARA associate membership	10.00	_____
<input type="radio"/> BVARA Child under 21 at home membership	5.00	_____
One year ARRL membership	49.00	_____
A Club Donation		_____
ARRL Member? Yes No	Total Enclosed	_____

Your License Class (If you have one.)

<input type="radio"/> Technician	Name _____
<input type="radio"/> General	Address _____
<input type="radio"/> Advanced	_____
<input type="radio"/> Extra Class	Email _____
	Phone _____
	Your Call sign _____
	Your Signature _____

Make check or money order payable to:

The Beaver Valley Amateur Radio Association, P.O. Box 424
South Heights, Pa 15081

Hamfests & General Announcements



TWO RIVERS AMATEUR RADIO CLUB

51th ANNUAL AMATEUR RADIO / COMPUTER SHOW

SUNDAY APRIL 16th, 2023

Elizabeth VFD Bingo Hall – 101 South 1st Ave – Elizabeth, PA 15037
“Elizabeth VFD Bingo Hall” is located off PA Rt 51 in the city of Elizabeth, PA

Directions: 146.73 Repeater
Mobile Check-In: 146.52 Simplex
(Mobile Check-In prize will be awarded. Must be present to win)

**Main Prizes: Yeasu FT-DX101D HF Transceiver
Alinco DJ-MD5XTG Dual Band DMR Handheld
Portable Generator**

Advanced ticket sales are available to the public and club members at significant savings. Advanced ticket sales form is available the TRARC website <http://www.trarc.net>.

Admission \$5.00

**Tables for Rent: \$15 for a single table,
\$12 each for 2 or more tables**

Table Reservations: Please fill out the Exhibitors Application form on the TRARC website at <http://www.trarc.net>

Information: Contact Bill Powers (Assistant Hamfest Chairman) at 412-260-5699
Or Del Peterson (Hamfest Chairman) at 412-974-9695
Or email: hamfestchairman@trarc.net

Overnight parking is available

Amateur Radio Exam Testing is Available
Exam Registration: 412-751-9657 email: veteam@trarc.net

Breakfast Available
This is an ARRL sanctioned hamfest

It's Your Dime

Remember back when you could communicate by “Pay Phone” for ten cents? This page is for anyone who wants to communicate with the BVARA community and beyond. Please send me your article that you would like posted on this page. Please, only topics and language in good taste. As the editor I reserve the option to post it or ignore it. Send your dime to me at: kc3bxc.73@gmail.com



Of Interest to All

BVARA Coming Attractions



April

BVARA 100th Anniversary Special Event Station and Celebration

W3S for the week of April 15 through April 22, 2023

Operate from the Brady's Run ball fields on April 15 and 16 to open the week

On April 22, Rich, K3SOM, has invited us to operate from his home to close the week

Signup required for club members to use W3S/1-25 during the week from their homes

POTA Activations

Little Beaver Creek State Park, OH at the RC Field & North Country Trail

March 28th 1 PM, local time ('Twofer')

May

2023 Dayton Hamvention See: <https://hamvention.org/>

More POTA Activations

June

Breeze Shooters Hamfest – 1st Weekend in June

Summer ARRL Field Day Activities

Friday – Initial setup and Pot Luck Dinner

Saturday – Final setup, group photo, and begin making FD contacts

Sunday – Final FD contacts, tear down and cleanup activities

July

August

Fall

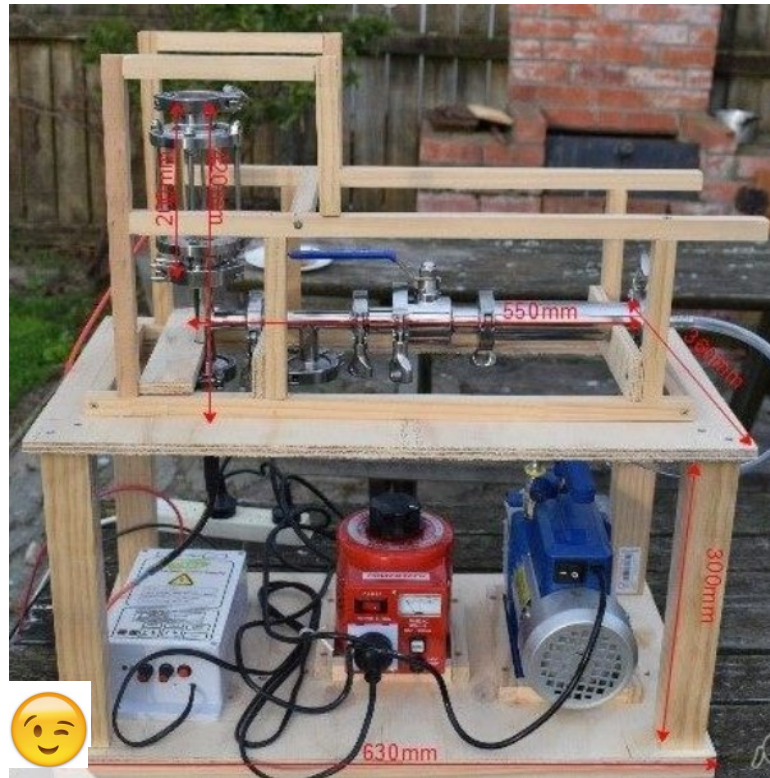
Possible Trip to GBRT, Cass Railway, POTA in WV



Of Interest to All

HOMEMADE NUCLEAR REACTOR

For under \$4,000



- Here is a DIY Reactor you can build, it is 1/300th and a half the size of a traditional reactor and is far safer.
- This reactor can be installed in multiples to scale up for your power requirements.
- Traditional nuclear plants are too large, too expensive and outdated technology.

Here is a way to embrace nuclear energy on a personal level. This technology is cutting edge. The Neville Island University has a small LLC, Nosale Power Project that is studying this new reactor technology from a lab there. They have been busy testing their own DIY built reactor. This cutting-edge reactor is tiny but powerful. It can provide enough power for all of your Field Day activities.

The oldest operating U.S. nuclear power reactor started in 1969 at Shippingport Pa. The newest “powered on” was in the mid-1990s. Here is your chance to start your very own nuclear power plant. It is a way to produce your own electricity, no more noisy generators!

Of Interest to All

This is “real” quiet power.

Because of the small size, this DIY reactor could be installed in a pickup truck or small utility trailer for mobile power. Think how this could be used to provide power during Field Day operations! The items required to build this reactor are mostly commonly acquirable electronic and lab items. Nosale labs built their reactor with all brand new supplies. You could lower your cost by using second-hand items. You as a Ham may already have some of these required items or you could easily pick them up for a bargain price at a ham fest.

You can order your own set of plans to build your DIY Reactor for \$45.03 plus shipping and handling from Nosale Power LLC, Middala - Nowhere, Missouri 24600.

If you do not want a DIY, you can order this Complete Reactor from Knowayno Howe Corp....



If we lived in a world where everyone was intelligent and trustworthy, Knowayno Howe’s reactor would be a slam-dunk solution to your energy needs. This micro-sized nuclear reactor, small enough to fit in the basement or a large shed, would be for sale to almost anyone.

The twenty foot long, six foot wide reactor produces 200kW of energy and runs itself. The entire thing is manufactured with the fuel installed and when it runs out, they can just send a Nuke Teck with a truck to pick it up.

Unlike traditional nuclear reactors the new micro reactor uses no control rods to initiate the reaction. The new revolutionary technology uses reservoirs of gel Berithium Silver-63, an isotope that is effective at absorbing neutrons. The Berithium Silver-63 reservoirs are connected to a vertical tube that fits into the reactor core. The whole process is self sustaining and can last for up to 40 years. It produces electricity for only pennies per kilowatt hour, less than half the cost of commercial energy.

Spent BS-63 reservoirs? No problem! That pickup truck will just throw’em in a mile-deep pit in New Mexico, Easter Washington state or something.

Unfortunately, with the way some nuke powered plants have been run it's unlikely these ones will be replacing every neighborhood's electrical substation with one of these any time soon. It's claimed there are users in remote areas of North Dakota and Wyoming. Epril Furst Heavy Industries, makes something similar, but a much bigger unit. They use their own proprietary BS reservoirs. With the substantially higher cost it keeps average folks from being able to afford one.

All these reactors and DIY plans are only available on the first of April.

A Glimpse of the BVARA 100 Years Ago, That First Decade

A club that has existed for 100 years is quite a rare organization. A technology-based club compounds the odds against survival. Survival of an amateur radio club speaks volumes about the members of that organization, their many technical challenges, their contributions to the community, and the fun that they experienced with radio. Back in 1923, the world looked quite a bit different than today. Here in Beaver County, not many homes had electricity, many roads were unpaved, and enjoying ham radio was a rare pastime, indeed!

Radio Technology in the 1920s

The American Radio Relay League (ARRL) was founded in May 1914, only nine years before the Beaver Valley Amateur Radio Club. The 1920s saw tremendous technical growth in radio. Pushed both by wartime demands and by the growing commercialization of radio, equipment rapidly improved. The use of spark gap technology quickly disappeared as the more efficient Continuous Wave (CW) System of generating radio-frequency energy and transmitting Morse code became standard.

In 1923 a two-way contact between Connecticut and France bridged the Atlantic Ocean for the first time. All this led to rapid growth in both the number of amateurs and membership in the League. Perhaps this was the 'spark' that inspired those three Beaver County men to join together and share their common interest in this new radio technology.

Back in the 1920s, Beaver County had a number of businesses to cater to the specific needs of the radio enthusiast – whether the radio was for family enjoyment or for amateur radio operator special needs. From the pages of the Beaver Falls Tribune of January 9th, 1925 we can envision the amateur radio operator reading these ads and visiting these establishments in the area.

Figure 1 – *Bentley's Service Station* ad offers monthly in-home service for only \$1.00 per month

Figure 2 – Radio supplies ad for supplies at the *First National Bank* in Rochester

Figure 3 – *W.H. Bonnage* ad for radios, parts and service from 1925

Of Interest to All

A New Radio Station

We have recently opened a Radio Service Department under the management of a competent radio man.

The object of this department is to keep your radio set in working order at all times, regardless of the make of the set or where it was purchased. One of our men will make a regular monthly call at your home to inspect your set, make necessary adjustments and give you any radio advice you desire. This service will be furnished you for less than one dollar per month. We feel this a service that many have been looking for and that the owner of a radio will be glad of an opportunity to avail himself of such a service. Just call Beaver Falls 980.

BENTLEY'S Service Station

Sixth Avenue and Fourth Street Beaver Falls, Pa.

Radio Supplies

A and B Batteries, Head
Phones, Tubes, Cabinets,
Bradley-Stats, Battery
Chargers and Radio Mats

If you are expecting to build a set, we have parts to build a reliable 1, 2, or 3 tube outfit.

ROOM 8, FIRST NATIONAL
BANK BUILDING
ROCHESTER, PA.

Open Tuesday, Thursday and
Saturday Evenings

COMPLETE LINE OF Radio Sets at All Prices

Payments can be
Arranged

FULL LINE OF
BATTERIES, TUBES,
AND PARTS
ALWAYS
ON HAND

Repair Work
Promptly Attended to

W. H. BONNAGE
1508 SEVENTH AVENUE
BEAVER FALLS, PA.

Back in the 1920s, the call signs of hams in Western Pennsylvania began with the number “8” followed by two or three letters. Some of these early radio hobbyists in Western Pennsylvania included 8ARB (1928) in Ben Avon, 8AYH (1929) in Bridgeville, 8BBF (1932) in New Brighton, 8CQX (1923) in Pittsburgh, 8CUG (1926) in Emsworth, 8DHJ (1926) in Pittsburgh and many others including 8XK, Frank Conrad, who was a radio broadcasting engineer and Assistant Chief Engineer for the Westinghouse Electric Corporation. The year following their call sign represents the year on the QSL card that they sent to another ham to confirm a two-way communication or QSL. That card became known as a QSL card. In January 1928 there were only 17,000 licensed hams in the United States.

With mud slides and impassable roads at times, hams in Beaver Falls were fortunate not to have to travel too far for needed supplies for their equipment. Perhaps they even took a streetcar to these radio stores. As we look at the old pages of QST we gain insight into some of the equipment and techniques that hams used. By examining what hams wrote on their QSL cards about the kinds of equipment they were actually using our knowledge of their equipment increases. And as we review the performance characteristics of these sets, we can only conclude that our early club members must have been quite enthusiastic about their hobby and their achievements.

Those three early ‘hams’, as they were called, had a hobby each of them enjoyed. They shared their adventures with this new technology. Their questions and issues as a group of individuals were better shared to achieve progress and thus move forward with this new technology.

Although their specific identities are clouded with an expanding fog over time that history spreads on the facts, many other supporting investigations have narrowed their names to a shortlist given in Table 1. These men from Beaver County were licensed by the Department of Commerce by our government in their 1924 call book. As shown, we now know their

Of Interest to All

name and address as well as their licensed maximum power level and their assigned call sign.

Further investigation involving research with personnel from the Beaver County Historical Society provided occupations, birth date, date of death, relatives, and newspaper articles about club achievements related to natural disasters or events of public interest. Club rosters were able to confirm some of their memberships in the BVARA in later decades.

Table 1 – Earliest Amateur Radio Operators in Beaver County

Earliest Amateur Radio Operators in Beaver County ¹					
Lname	Fname	Address	City	State	Power Call
Sairs	Harley L.	646 Maplewood Ave.	Ambridge	PA	10 8LW
Wheeler	Paul T.	Mellon Ave.	Baden	PA	44 8DMO
Mills	Harry J.	1501 Corporation St.	Beaver	PA	20 8BHX
Galey	John T.	363 Third St.	Beaver	PA	100 8CDC
Boardman	George R., Jr.	909 Second St.	Beaver	PA	15 8ME
McClure	Hughes O.	601 Ninth St. and Sixth Ave.	Beaver Falls	PA	25 8ANF
Polhemus	Theodore R.	3612 Fifthe Ave.	Beaver Falls	PA	18 8BJX
Hoop	John G.	413 Eleventh St.	Beaver Falls	PA	27 8BNW
Brittain	John C.	1708 Fiftth Ave.	Beaver Falls	PA	12 8CEM
Ling	Keefer R.	419 Third St.	Cresson	PA	40 8CCK
Deihl	Reuben P.		Cresson	PA	80 8CVO
Guy	Ralph W.	RFD 1	Ellwood City	PA	550 8CNI
Gerren	Andrew C.	RR 2	Hookstown	PA	300 8DCK
Milkovic	John	355 Penn Ave.	Midland	PA	20 8BMM
Fridrick	Steve	421 Ohio Ave.	Midland	PA	10 8CGF
Mueller	George M.	733 Pennsylvania Ave.	Midland	PA	10 8CPZ
Doherr	Eddie K.	704 Washington Ave.	Monaca	PA	200 8ASB
Van Alen	Mrs. W.T.	3rd St.	New Brighton	PA	24 8ACV
Creco	Samuel	623 Twelfth St.	New Brighton	PA	5 8BW
Woodrow	Theodore J.	RD 1	New Castle	PA	100 8BGW
Stone	Henry O.	Wilmington Rd.	New Castle	PA	5 8DEQ
McCague	Robert H.	Orchard Pl.	Sewickley	PA	5 8BQU
Cooper	George M.	302 Beaver Ave.	Sewickley	PA	5 8BVO
Geyser	Harold H.	330 Hill St.	Sewickley	PA	10 8CUS
Fraser	William S.	219 Centennial Ave.	Sewickley	PA	100 8DAZ

¹ 'Amateur Radio Stations of the United States', Dept of Commerce, Govmt Printing Office, 1924

This source listed amateur radio licenses from 1921 to 1923 as extracted above

<https://babel.hathitrust.org/cgi/pt?id=uc1.b3221806;view=1up;seq=185>

Of Interest to All

Ham Equipment

Transceivers did not exist then. Hams had radically different circuitry for receiving and for transmitting. The availability of vacuum tubes made these circuits perform well. Although very low power stations could be run from batteries, AC electric power was required if the 1920s ham wanted to run any more than a few watts of power. Some hams in Western Pennsylvania had Westinghouse M-G sets (motor-generators with a common shaft) that could provide up to a kilowatt of power for their transmitters. The fortunate ham already had his home wired for electricity.

Ham receivers spanned the gamut from simple one-tube sets with headphones to early superheterodyne configurations of considerable complexity for the 1920s. One popular configuration consisted of a Reinartz tuner followed by two stages of audio amplification. This ingenious circuit included a regeneration loop to “amplify” through feedback at the RF level the signal being tuned. Very high gains were possible and the set could be made to oscillate so that CW signals could be received. Tuning was “touchy” and coil coupling was critical to successful operations, particularly as the frequency went higher. With a good antenna and a strong signal being received, the audio from the receiver could adequately drive a loudspeaker if the ham could afford one. Tubes like the W11 and W12 were very popular.

Ham transmitters during this period were largely home-constructed from various articles and with possible collaboration from other hams in the area. This need for discussion of ideas and concepts may have had a great deal to do with the formation of the Beaver Valley Amateur Radio Club. The paper trail from this period is extremely difficult to obtain. Monthly magazines, QSL cards, newspaper articles (a paucity of them about ham radio!), and antique auctions have provided most of the available information about this time period.

Popular transmitter circuits typically employed Hartley oscillators followed by an amplifier stage. Sometimes the amplifier tubes were operated in parallel to achieve higher output levels. For phone operation, Heising modulators were frequently used with the final amplifiers to create the amplitude modulated (AM) signals. These signals were then coupled to the parallel wires connecting the transmitter to the antenna. Antennas could be end-fed or center-fed designs and frequently utilized cage-style designs of multiple wires. Frequently the feedlines were also of cage design. Many antenna configurations incorporated a counterpoise of wires below the antenna at a height of six to twelve feet.

One can only imagine what the ham of the 1920s could hear through his headphones. There were fewer stations on the air and interference from other stations was probably far less than today. Noise sources were probably also less prevalent, but when they were present, they could have been really nasty to deal with! Radiogram and message handling for some hams was a primary activity. Much like today, hams were individuals with their own preferences for equipment, styles of sending Morse code, operating goals and objectives, and a desire to succeed and enjoy this great hobby. After a successful CW contact on 80 meters, our early BVARA member may have picked up his telephone, waited for the party line to

Of Interest to All

clear, and then dialed the three-digit phone number of his “buddy” to brag about his DX!

Perhaps before turning on the ham radio set, our ham and family enjoyed listening to the family radio by tuning in to one of the few AM broadcast stations in the area. Here is what they might hear!

RADIO NEWS	
WDKA	
4—Telechron time. Closing stock comment, weather report, report of butter and eggs, fruits and vegetables	
Baltimore grain and Chicago grain and provision, Toledo seed, Pittsburgh hay and grain.	
5—Telechron time. Markets, livestock, Boston wool, principal cotton markets, New York sugar and closing comment on Chicago grain.	
5:10—Talk sponsored by the International Oil Heating company.	
6—Telechron time.	
6:10—Yellow Cab theatrical calendar.	
6:15—KDKA Little Symphony orchestra playing in the lobby of the William Penn hotel, Pittsburgh.	
7—Telechron time. University of Pittsburgh address by Dr. John G. Bowman chancellor of the University of Pittsburgh.	
7:15—Week-end tours with probable weather conditions to be encountered by the Automobile Club of Pittsburgh, A. A. A.	
7:30—Castoria Rock-A-Bye Lady from WJZ, New York.	
8:30—Hampton Institute quartet from WJZ, New York.	
9—Wrigley revelew from WJZ, New York.	
Longine time from WJZ, New York.	
10—Reymer's R. V. D. trio. Telechron time and weather forecast.	
WCAE	
4:30—Orthophonic recital.	
5—"Happy hour," period for children.	
5:30—Farm school.	
6—Dinner concert from Hotel Waldorf-Astoria.	
7—Frank Maggio's New China Restaurant orchestra.	
7:30—Correct time.	
7:30—Uncle Kaybee.	
7:45—Motor talk and highway report by C. H. Roth, secretary of Pittsburgh Motor club.	
8—Concert by Cities Service concert orchestra and Cities Service Cavaliers.	
9—Howard correct time.	
9—Whittall Anglo-Persians.	
9:30—La Frances orchestra, directed by Anna C. Byrne.	
10—Program sponsored by the Palmolive-Peet Co.	
11—Ben Bernie's Hotel Roosevelt orchestra.	

Events in Beaver County in 1923

In Beaver County, the Ambridge Chamber of Commerce began in 1923. That same year West Mayfield became incorporated. Geneva College became accredited by the Commission on Higher Education in 1923. St. Ladislaus Church was founded in Beaver Falls that same year. Snyder Brothers & Baker, Inc. on 3rd Street in Beaver was selling a 1923 four-passenger Chevrolet Sedanette for \$850. This smart-looking vehicle was equipped with drum-type head lamps with legal lenses.

Global Events in 1923

In 1923 Calvin Coolidge became our 30th US president after the death of Warren Harding. The last of our US troops left the Rhineland (Germany) after World War I. The 1st presidential address was broadcast on radio in 1923. Vladimir Lenin's last article appeared in Pravda and the USSR was formed that same year. Jean Sibelius' 6th Symphony premiered. In Egypt, Tutankhamen's burial chamber was opened by archaeologist Howard Carter.

Of Interest to All

Figure 4 – Tomb of Tutankhamen was opened in 1923



Closer to home, Yankee Stadium opened its doors. The Hunchback of Notre Dame and the Ten Commandments were successful movies in 1923. “Runnin’ Wild” (introducing the Charleston dance) opened on Broadway. Astronaut Alan Shepard, Senator Bob Dole, actor Charlton Heston, and writer Norman Mailer were born in 1923. Walt and Roy Disney founded the Disney Company in 1923 and the Hollywood sign on the hill overlooking Los Angeles was officially dedicated that same year. Transcontinental airmail service began. Insulin became generally available for diabetics, as well in 1923.

PostScript

The BVARA hopes that you’ve enjoyed this time travel back 100 years to the beginnings of our amateur radio club here in Beaver County, Western Pennsylvania. Telephone party lines, unprocessed foods, and the Great War was over, too. Geneva College became accredited and the Ambridge Chamber of Commerce began. Perhaps there is still a Grebe CR-9 or Radiola III -A in your grandparent’s attic. If you’re an ARRL Member, go back and check out the old issues of *QST Magazine* from 1923. Thanks for allowing us to reminisce a bit; it was fun!

Rich Soltesz, K3SOM

Bits and Pieces

Hello all,

Holy Buckets! We are already four months into this new year. I am always amazed at how fast a year goes by. I am so excited with all the activities we have had as a Club this year already. There is so much more coming in the next months. Get involved! There has to be a Club activity you would enjoy. Come join in, if there is something you would like to suggest as a Club event, please bring it up at a Club meeting or some other Club activity. Our Club gets better and better by the things we do. If you are not having fun maybe it's because you are not involved enough. It's up to each of us to make our Club inviting.



This is hamfest season too! Get out and attend a hamfest. These are always fun. I see folks and get to have a face-to-face QSO. I have also met some of the people that I made a radio contact with, and recognized their call sign on their shirt or jacket. It is fun for me to say hi and just visit with them. I may not have even met the ham on the air, but I introduce myself and make a new ham friend. I enjoy this facet (meet a new friend) of our hobby. I have a good time seeing what is for sale, too. Sometimes I write myself a list of things I want to purchase directly from a dealer that has a set up at the hamfest. Then I forget my list that's on the kitchen table (but that's a different story)! Stop laughing, you know you do it too...

I was looking the other day at a site that is for over-the-air TV reception. I am not going to tell you how it works, but it has one function where you input your location and the height of your antenna. It will then tell you what stations you should be able to receive. The site is <https://www.rabbitears.info/searchmap.php>. Go check it out. Let me know what you were able to find out. Don't forget to refresh (auto scan) your TV because changes occur often.

If you don't know, you should know that I am always telling you to enjoy our hobby SAFELY! Please plan every detail of your radio hobby with safety as your main objective. If you have any doubts... STOP! Ask for help, maybe get some advice, choose a different day, or re-plan your project for a safer outcome. Please enjoy our hobby and be safe.

Clear on your final, but I will be monitoring.

73 KC3BXC



Radio Sport

Contest Corral

April 2023

Check for updates and a downloadable PDF version online at www.arrl.org/contest-calendar.

Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

	Start - Finish Date-Time Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	0800 1 2000	1.8-28	RSGB FT4 International Activity Day	Dig	Signal report, 4-char grid	www.rsgbcc.org/ht/
1	1000 2 0400	14	PODXS 070 Club PSK 31 Flavors Contest	Dig	SPC, mbr or name	www.podxs070.com
1	1200 2 1200	3.5-28	EA RTTY Contest	Dig	RST, province or serial	concurso.ure.es/en/earthy/bases
1	1400 2 0200	1.8-28,50,144	Louisiana QSO Party	CW Ph Dig	RS(T), LA parish or SPC	laqp.louisianacontestclub.org
1	1400 2 0300	1.8-28,50,144	Mississippi QSO Party	CW Ph Dig	RS(T), MS county or SPC	www.amlmiss.org
1	1400 2 2000	1.8-28, WUHF	Missouri QSO Party	CW Ph Dig	RS(T), MO county or SPC	www.w0ma.org
1	1400 2 2200	3.5-28	Florida State Parks on the Air	CW Ph Dig	Park ID or SPC	flspota.org/rules
1	1500 2 1500	1.8-28	SP DX Contest	CW Ph	RS(T), SP province or serial	spdxcontest.pzk.org.pl/2023
3	1900 3 2030	3.5	RSGB 80m Club Champ, CW	CW	RST, serial	www.rsgbcc.org/ht/
4	0100 4 0300	3.5-28	AHS Spartan Sprint	CW	RST, SPC, pwr	arsgrp.blogspot.com
5	2000 5 2100	3.5	UKEKCC 80m Contest	Ph	6-char grid	www.ukelcc.com/80m-rules.php
6	0000 7 0300	7	Walk for the Bacon QRP Contest	CW	Max 13 WPM; RST, SPC, name, mbr or pwr	qrpccontest.com/plqwalk40
8	0000 8 0600	1.8-28	ORP ARCI Spring QSO Party	CW	RS, SPC, mbr or pwr	qrparc.org
8	0700 9 1300	1.8-28	JIDX CW Contest	CW	RST, JS prefecture or CO one	www.jidx.org/jidxrule-e.html
8	1200 9 1100	3.5-28	DIG QSO Party, CW	CW	RST, mbr or RST	diplom-interessen-gruppe.info
8	1200 9 1200	1.8-28	OK/DM DX Contest, SSB	Ph	RS, OK/MO county code or serial	okomdx.crk.cz
8	1200 9 1800	3.5-28	IG-RY World Wide RTTY Contest	Dig	RST, 4-dig yr first licensed	www.ig-ry.de/ig-ry-ww-contest
8	1400 9 0200	1.8-28,50,144	New Mexico QSO Party	CW Ph Dig	Name, NM county or SPC	www.newmexicoqsoparty.org
8	1800 9 2359	1.8-28,50	Georgia QSO Party	CW Ph	RST, GA county or SPC	gaqsoparty.com
8	2100 9 2100	1.8-28,Sat	Yuri Gagarin Int'l DX Contest	CW	RST, ITU zone	gc.qst.ru/en/section/32
9	1000 9 2100	3.5-14	WAB 3.5/7/14 MHz Data Modes	Dig	RS, serial, WAB square or country	wab.intermip.net/Contests.php
10	0000 10 0200	1.8-28	4 States QRP Group 2nd Sun Sprint	CW Ph	RS(T), SPC, mbr or pwr	www.4sqrp.com
10	1500 10 1730	3.5,7	DARC Easter Contest	CW Ph	RS(T), DOK or serial	www.darc.de/der-club/referate/conteste
10	1900 10 2300	144	144 MHz Spring Sprint	CW Ph Dig	4-char grid	sites.google.com/site/springvhf-upsprints
12	0030 12 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or pwr	naqcc.info
14	2100 15 2059	3.5-28	Holyland DX Contest	CW Ph	RS(T), 4X area or serial	www.larc.org
15	0600 16 0559	3.5-28	Worked All Provinces of China	Ph	RS(T), BY province or serial	www.mulandxc.com
15	0700 16 0659	3.5-28	YU DX Contest	CW Ph	RS(T), YU/YT county or serial	www.yudx.yu1srs.org.rs
15	0700 15 1900	1.8-28	Dutch PACCDigi Contest	FT8 Dig	RST, 4-char grid	www.veron.nl
15	0900 16 2359	3.5-28	COMM DX Contest	CW	RST, continent abbrev	www.cqmmdx.com/rules
15	1300 16 2200	1.8-28, WUHF	Nebraska QSO Party	CW Ph Dig	NE county or SPC (FT8: grid)	nebraskaqsoparty.com
15	1400 16 2000	No WARC	Texas State Parks on the Air	CW Ph Dig	RST, park ID or SPC	www.tspota.org
15	1600 16 0400	3.5-28	Michigan QSO Party	CW Ph	RST, MI county or SPC	miqp.org/index.php/rules
15	1700 16 1200	3.5-28	EA-QRP CW Contest	CW	RST, category, "M" if mbr	www.eaqrp.com
15	1800 16 1800	1.8-28,50,144	Ontario QSO Party	CW Ph	RS(T), ON county or SPC	www.va3cco.com/oqp/rules.htm
15	1800 16 1800	1.8-28,50,144	North Dakota QSO Party	CW Ph Dig	RS(T), ND county or SPC	www.ndarrlsection.com
16	1200 16 2000	1.8-28,50,144	Quebec QSO Party	CW Ph	RS(T), QC zone or SPC	wpl.quebecqsoparty.org
16	1800 16 2359	3.5-28	ARRL Rookie Roundup, SSB	Ph	Name, 2-dig yr first licensed, state/province/XE area/DX	www.arrl.org/rookie-roundup
18	1900 18 2300	222	222 MHz Spring Sprint	CW Ph Dig	4-char grid	sites.google.com/site/springvhf-upsprints
19	1900 19 2030	3.5	RSGB 80m Club Champ, SSB	Ph	RS, serial	www.rsgbcc.org/ht/
22	0800 22 1800	3.5-28	ORP to the Field	CW Ph	RST, SPC, name/SOTA	www.zianet.com/qrplqrptt/pg.html
22	1200 23 1200	3.5-28	SP DX RTTY Contest	Dig	RST, SP 2-letter province or serial	www.pkrvg.org
23	0000 23 0400	3.5-14	North American SSB Sprint Contest	Ph	Other's call, your call, serial, name, SPC	ssbsprint.com/rules
23	1700 23 2059	3.5-28	BARTG Sprint 75	Dig	Serial	bartg.org.uk
24	1900 24 2030	3.5-14	RSGB FT4 Contest	FT4	4-char grid, signal report	www.rsgbcc.org/ht/
26	1900 26 2300	432	432 MHz Spring Sprint	CW Ph Dig	4-char grid	sites.google.com/site/springvhf-upsprints
27	1900 27 2030	3.5	RSGB 80m Club Champ, Data	Dig	RST, serial	www.rsgbcc.org/ht/
29	0001 30 2359	28	10-10 Int'l Spring Contest, Digital	Dig	Name, mbr or "0," SPC	www.ten-ten.org
29	1200 30 1200	3.5-28	UK/EI DX Contest, CW	CW	RST, serial, UK/EI district code, serial	www.ukelcc.com/dx-contest-rules.php
29	1300 30 1259	1.8-28	Helvetia Contest	CW Ph Dig	RS(T), HB canton or serial	www.uska.ch/contest
29	1600 30 2159	7.14,21,28	Florida QSO Party	CW Ph	RS(T), FL county or SPC	floridaqsoparty.org/rules