THE eQRM

2021 FIELD DAY

26-27 June

The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association   W3SGJ

Repeater   145.310   PL 131.8

On the Cover: Field Day is just a few days away. Wherever you are, I hope you have some great plans for this year. This is my favorite amateur radio event in the hobby! You are invited to come enjoy Field Day with us, see page 14.

June 26-27 2021

Inside this edition

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

Who We Are

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
351 14th Street
Ambridge, PA 15003
on the second Thursday of every month
(unless otherwise stated).

All meetings subject to Covid restrictions and cancellations.

Club Meetings 2021
Jun 10
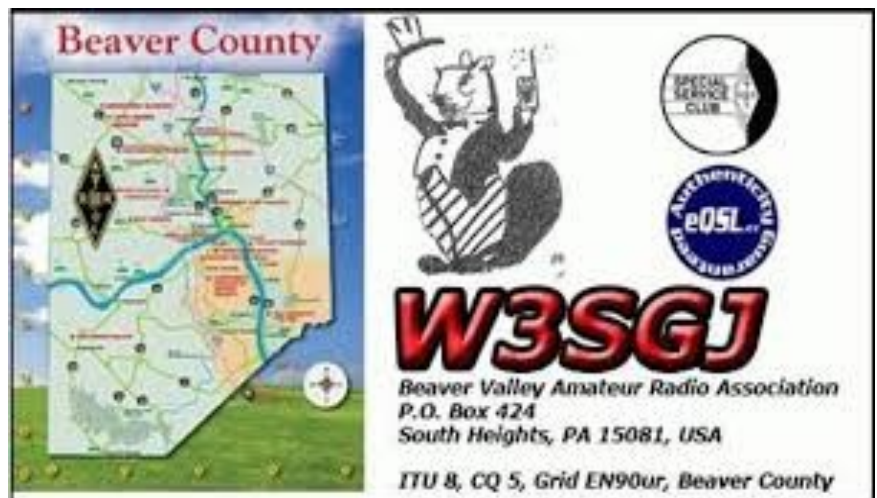Jun 26-27 Field Day Economy Park
Jul 08
Aug 21 Corn Roast
Sep 09
Oct 14
Nov 11
Dec 08 Christmas Party
Jan 13 2022
Feb 10

This Month

The Club Meeting:

Speakers:
Every one in attendance.

Topic:
Final preparations for Field Day.

More this Month

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

Weekly

Thursday Morning Breakfast

(or you can have lunch)

As the Governor permits restaurants to function we will be there if the Diner is open.

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.
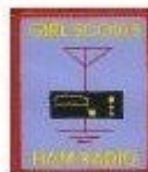
Get your License or Upgrade

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)

Testing this month :
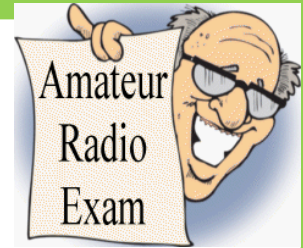
Our May VE Test Session had two candidates, with each participant achieving their goal of passing the exam. Our new electronic filing system worked superbly with the paperwork uploaded to a special ARRL website on Thursday evening, entry information by the ARRL to the FCC on Friday, and new license and an upgrade processed and posted by Saturday morning. A congratulations email was then sent to each candidate with a snippet of their license page for their new callsign and/or verification that all information was entered correctly. Some previous sessions were sometimes late by up to three weeks from delays caused by US Postal Services issues. The paperwork for us no longer has to be mailed in to the ARRL VEC.

Our testing was conducted at our normal location at the Beaver County Emergency Services Center in Ambridge, PA. We are anticipating the continued use of the facility for our VE testing.

Congratulations to:

· Nick Barclay – KC3SCR, Monaca, PA, Technician
· John Athanassion – N3NQP, Aliquippa, PA, Extra Class

All of this testing would not have been possible without the help of the following Extra-Class VE Team members:

Reg Genola – W3REG,
Tony Pavilonis - K3AHP,
Mick Pyzoha – N3OJP,
Bart Stack - KB3NFM, and
Bob Winkle - N3AZZ
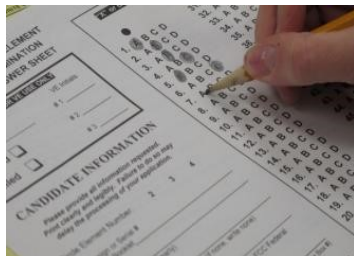
73 from Rich Soltesz - K3SOM, VE Liaison

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**

◯   BVARA full membership   25.00   _____

◯   BVARA student membership   15.00   _____

◯   BVARA associate membership   10.00   _____

◯   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.)

◯   Technician   Name   _____

◯   General   Address _____

◯   Advanced   _____

◯   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

I checked the ARRL sight for

Western Pennsylvania Hamfests this month.

There are a couple scheduled for August of 2021.

Keep your seat and hang on for just a little longer...

Bits and Pieces

Hello all,

I am getting so excited about Field Day 2021! For me, I am like a kid at Christmas. I get so excited the night before I can barely sleep. I look forward to this radio get-together! I can hardly wait to visit with everyone from the BVARA Club, new folks that just come, the food and the radio fun! I enjoy the freeness and interest in radio camaraderie that is present. I am not annoyed or annoying to the people present by focusing on my radio addictions.

I personally invite you to come join us at Old Economy Park to enjoy Field Day with the BVARA Club. Come for an hour or spend the whole time, just come. If you have any interest in the radio hobby this promises to be a very interesting time for you.

The food is always great too. You just never know what good things are going to be present for your consumption. This year will be a bit different. Norm's "Special Breakfast" will not happen, he will be attending a wedding. We will miss you Norm. Have a great time there.

I have been hinting at a new vertical antenna mount I have been trying to obtain. Well, it finally came. I purchased a very heavy vertical mobile mount. I got a 30-foot school bus! I will be installing a vertical antenna on the bus. The bus will be used as and RV. Anywhere I go I look forward to making some interesting and unique contacts. I hope to be able to contact members of the BVARA regularly too.

This does it for this month. I look forward to sharing the adventure and results of our field day activities with you in the July eQRM.

Till next month be safe, KC3BXC clear… I'll be listening.

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

Anything new out there?

We have had some great input to this page.
Please, I am waiting for more.

Of Interest to All

I have created a groups.io for the club...

https://groups.io/g/BVARA/

Groups.io is basically an e-mail reflector where people with similar interests can post to a group and members of the group can read and reply to the post. There are numerous groups that a person may want to join. Personally, I subscribe to about 25 different groups that allow me to seek and give advice about several radios I own or am thinking about purchasing, as well as radio programming software, and other hobbies.

For those who already have a groups.io account, just search BVARA or Beaver Valley Amateur Radio and subscribe. I currently have it set up so new members must be approved (by me for now, I can add moderators as necessary).

For those who do not have a groups.io account, signing up is simple. Go to groups.io and create an account using your e-mail address of choice and create a password. Once that is done just search BVARA and subscribe.

Once you subscribe please be patient in waiting for approval in the group.

The reason for setting up this group is to make communication among the members easier. Instead of trying to send a message to 30 or 40 people, a person could just post to the group and all subscribers will be able to see it and reply as necessary. It should also be easier for club officers to get messages out to the group.

Please mention this to other members. Sometimes I forget to add a name as I punch in addresses and I would like everyone who wants to join the reflector to have the opportunity to do so.

I hope everyone finds this new addition useful.

Thanks and 73,
Doug, N4YKQ

The BVARA in Beaver County Pennsylvania
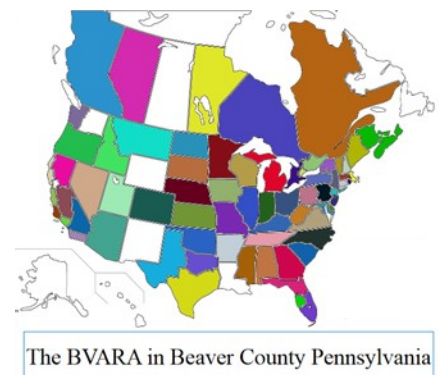
Of Interest to All

Hello all,

The **B**eaver **V**alley **A**mateur **R**adio **A**ssociation invites you to our annual Field Day weekend at Old Economy Park, 5 Forcey Dr, Baden, PA 15005, shelter #1. To help you with plans to participate the next page has a Calendar of Events and Times to let you know what times and days specific events will occur.

Many people begin by attending the Pot Luck Dinner on Friday evening with their "significant other" to join them for good food and conversation with old friends, new friends to meet and club members.

Several of us are planning to stay all weekend with various campers by the Shelter. This is the same site we have been using since we moved from Brady's Run Park several years ago. Located high above the surrounding area, we've been fortunate to make many amateur radio contacts even during the current low sunspot years. But now that the radio bands are becoming more active, the excitement is on the increase!

Field Day first began as a contest activity to promote portable operations back in 1933. More recently, Field Day has morphed into an event to market amateur radio to the public. Although not officially a contest, we will be sending out a Press Release to the media, we have invited local elected officials to stop by our nearly 100-year-old radio club set up and meet its members, we will have an information table for visitors to learn more about amateur radio, we encourage visitors to witness how radio amateurs (Hams) can easily set up and make contacts across the US and Canada without commercial electricity or the Internet. This emergency readiness has been widely welcomed across the US and Canada when natural or national emergencies occur. When all else fails, there's amateur radio for communications and help during these emergencies.

The contest spirit is difficult to suppress, as somehow, contacting other participants in all 88 sections of the US and Canada remains as a goal for us to reach. Will this be the year that we achieve this goal? Stay tuned for next month's eQRM!

Best regards,
The entire BVARA Field Day 2021 Team

BVARA Field Day 2021 - Calendar of Events and Times
Old Economy Park – Shelter 1

Friday, June 25th, 2021

- Those planning on staying overnight can arrive around 1:00 pm for tent, shelter, and other equipment setup activities
- Pot Luck Dinner is planned for 5:30 pm
- People are encouraged to bring side dishes like vegetables, salads, appetizers, and desserts or other dishes that you feel may sustain our activities during the weekend
- A home-smoked turkey will be provided by Tom, N3XC
- BVARA Club will provide coffee, water, and fried chicken for Pot Luck

Saturday, June 26th, 2021

- Field Day preparations will begin in earnest at 8:00 am with a **Continental Breakfast** (donuts, orange juice, coffee and milk)
- Antenna placement, generator setups, network installation, and final equipment setup begins right after breakfast and continues until Field Day officially begins at 2:00 pm
- Around noon, **Lunch** will be provided by the club, including hoagies and some leftovers
- We're planning a group photo at 1:30 pm just outside the main shelter
- Man your stations – Field Day begins at 2:00 pm!
- **Dinner** will be provided by the club and includes Police Station Pizza
- Munchies like chips, dips, cookies, etc. will be available both Saturday and Sunday

Sunday, June 27th, 2021

- We will have a special **Breakfast** that may also include all the leftovers and maybe hot dogs for backup in addition to any donuts, orange juice, coffee and milk
- Field Day activity for our club will end at 2:00 pm
- With both skill and luck, we will have contacted all US and Canadian Sections – a milestone that has not recently been achieved
- Teardown and cleanup activities will continue for the next several hours until we can "Leave No Footprints" that we were there!

Additional information can be found at http://www.arrl.org/field-day-locator by entering the Club call, W3SGJ, and clicking on the Green Marker

Of Interest to All

9:1 UNUN Project Results

In last month's eQRM Newsletter we reported on the final preparations by Jim, KC3IXE and Tony, K3AHP for the 10 kits that were prepared for club members to assemble. The project was based on the excellent construction article that was published in the March 2019 issue of *QST Magazine.*

8 out of the 10 kits have been constructed by members and tested against the prototype that we assembled as the physical template for members to duplicate. All eight kits performed as well as or better from 160 to 10 meters than the prototype. Mick, N3OJL actually deployed his UNUN and measured the SWR on all HF bands using various element and counterpoise lengths.

Below are some pictures from the construction efforts of some club members. Stay tuned!

Doug, N4YKQ and Dan, KB3VSP

Mick, N3OJP

Norm, K3NJT and Tim, KA3JRT

Jim, KC3IXE

Radio Sport

Contest Corral

June 2021

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	0100	1	0159	1.8-50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, or youth)	wwsac.com/rules.html
1	1700	1	1900	3.5-14	RTTYops Weeksprint	Dig	Other's call, your call, serial, name	rttyops.wordpress.com
2	1300	2	1400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
2	1700	2	2000	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	ft8activity.eu/index.php/en
2	1900	2	2000	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
3	0300	3	0400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
3	1700	3	2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrrlcontest.no
3	1900	3	2100	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
4	0000	6	2359	1.8-50	PODXS 070 Club 3-Day Weekend Test	Dig	Name, RST, SPC	www.podxs070.com
4	0145	4	0215	1.8-21	NCCC RTTY Sprint	Dig	Serial, name, QTH	www.ncccsprint.com
4	0230	4	0300	1.8-21	NCCC Sprint	CW	Serial, name, QTH	www.ncccsprint.com
4	2000	4	2100	1.8-14	K1USN Slow Speed Test	CW	20 WPM max. Name, SPC	k1usn.com/sst.html
5	0000	5	2359	3.5-28	VK Shires Contest	CW Ph	RS(T), VK Shire or CQ zone	wia.org.au/members/contests
5	0000	6	2359	28	10-10 International Open Season PSK Contest	Dig	Name, SPC, mbr	www.ten-ten.org
5	0400	6	2000	3.5-28	DigiFest	Dig	RST, 4-char grid square	rigexpert.com/digifest
5	0600	5	0800	7, 14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	qrp.ru/contest/wakeup
5	0600	6	0600	1.8-UHF	KANHAM Contest	CW Ph	RST, prefecture (if JA)	jarl.gr.jp/kanhamcontest/en
5	1200	6	1159	1.8-28	Tisza Cup CW Contest	CW	RST, CQ zone	tiszacup.eu/index.php/en
5	1300	6	1300	50	UKSMG Summer Contest	CW Ph	RST, serial, 6-char grid	uksmg.org
5	1400	6	0200	1.8-144	Kentucky QSO Party	CW Ph Dig	RS(T), KY county or SPC	www.kyqsoparty.org/rules
5	1500	5	1500	1.8-28	RSGB National Field Day	CW	RST, serial	www.rsgbcc.org/hf
6	1700	6	2200	All	Cookie Crumble QRP Contest	CW Ph Dig	RS(T), SPC, cookie #, name	w3atb.com/cookie-crumble
7	1900	7	2030	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	www.rsgbcc.org/hf
8	0100	8	0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
9	0030	9	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
9	1700	9	2000	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	ft8activity.eu/index.php/en
12	0000	13	1559	3.5-28	DRCG WW RTTY Contest	Dig	RST, CQ zone	www.drcg.de/drcgww
12	0000	13	2359	50	SMIRK Contest	CW Ph	4-char grid square, mbr	smirk.org/contest.html
12	1100	12	1300	14, 21	Asia-Pacific Sprint, SSB	Ph	RS, serial	jsfc.org/apsprint/aprule.txt
12	1200	12	1200	3.5-28	Portugal Day Contest	CW Ph	RS(T), CT district or serial	portugaldaycontest.rep.pt
12	1200	13	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
12	1400	12	1800	144, 432	AGCW VHF/UHF Contest	CW	RST, serial, power, 6-char grid	alt.agcw.de/index.php/en
12	1500	13	1500	3.5-28	GACW WWSA CW DX Contest	CW	RST, CQ zone	contest.com.ar/gacw-wwsa
12	1600	13	1600	50	REF DDFM 6-Meter Contest	CW Ph	RS(T), serial, 4-char grid	concours.r-e-f.org
12	1800	14	0259	50 and up	ARRL June VHF Contest	CW Ph Dig	4-char grid square	www.arrl.org/june-vhf
14	0000	14	0200	1.8-28	4 States QRP Group 2nd Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
16	0030	16	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
16	1200	16	1400	7	SARL Youth Sprint	Ph	RS, age	www.sarl.org.za
16	1900	16	2030	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf
19	0000	20	2359	1.8-28	All Asian DX Contest, CW	CW	RST, age	www.jarl.org/English
19	1200	20	1159	3.5-28	Ukrainian DX Classic RTTY Contest	Dig	RST, 2-letter oblast or serial	urdxc.org/rtty/eng.htm
19	1400	20	1400	50, 70	IARU Region 1 50/70 MHz Contest	CW Ph Dig	RS(T), serial, 6-char grid	www.iaru-r1.org
19	1500	20	1500	1.8	Stew Perry Topband Challenge	CW	4-char grid square	www.kkn.net/stew
19	1600	20	0400	3.5-28	West Virginia QSO Party	CW Ph Dig	RS(T), WV county or SPC	www.qsl.net/wvsarc
19	1800	19	1959	1.8-50	Feld Hell Sprint	Dig	RST, mbr SPC, grid	sites.google.com/site/feldhellclub
19	1800	19	2359	3.5-14, 18, 21, 24, 28, 144 repeaters	ARRL Kids Day	Ph	Name, age, QTH, favorite color	www.arrl.org/kids-day
20	0800	20	1400	50	WAB 50 MHz Phone	Ph	RS, serial, WAB square or country	wab.intermip.net
20	2300	21	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
23	0000	23	0200	1.8-50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
24	1900	24	2030	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
26	0600	26	1700	3.5-28	UFT QRP Contest	CW	RST/ QRP/QRO, mbr, or "NM"	uft.net/concours-qrp-uft
26	1200	27	1200	3.5-28	Ukrainian DX DIGI Contest	Dig	RST, oblast or serial	www.izmail-dx.com
26	1200	27	1200	1.8-28	His Majesty King of Spain Contest, SSB	Ph	RS, EA province or serial	concursos.ure.es/en
26	1800	27	2059	All, no WARC	ARRL Field Day	CW Ph Dig	Number of xmtrs, operating class, ARRL/RAC section or "DX"	www.arrl.org/field-day
28	1900	28	2030	3.5-14	RSGB FT4 Contest Series	Dig	4-char grid square	www.rsgbcc.org/hf

There are a number of weekly contests not included in the table above. For more info, visit: www.qrpfoxhunt.org, www.ncccsprint.com, and www.cwops.org. All dates refer to UTC and may be different from calendar dates in North America. Contests are not conducted on the 60-, 30-, 17-, or 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at www.contestcalendar.com and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.