



THE eQRM

JUNE 2019



22-23 June 2019

The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ

Repeater 145.310 PL 131.8

On the Cover : It's field day I tell yah, Field Day!!!

Inside this edition

Who We Are	3	General Announcement	10
This Month	4	Radio Sport	11
Propagation	6	Bits and Pieces	12
Get a License or Upgrade	7	It's Your Dime	13
New License and Upgrades	8	Of interest to all	14
Membership	9		

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

2019 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Dan Grazulis, KB3VSP

2nd Vice Pres.: Doug Hanna, N4YKQ

Treasurer: Pam Spencer, W3PMS

Secretary: Norm Trunick, K3NJT

Director: Tony Pavilonis, K3AHP

Director: Bob Winkle, N3AZZ

Trustee: Rich Soltesz, K3SOM

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).

Club Meetings 2019

Jun 14

Jul 11

Aug 24 Corn Roast

Sep 12

Oct 10

Nov 14

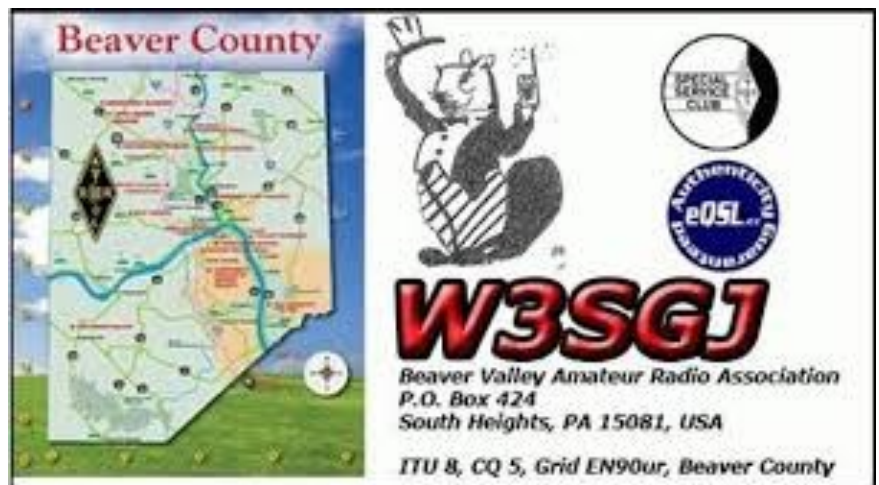
Dec 07 Christmas Party

Jan 09 2020

Feb 13

Mar 12

Apr 09



This Month

This Month:

BVARA Field Day 2019 - Calendar of Events and Times Old Economy Park – Shelter 4

Friday, June 21st, 2019

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

BVARA Club will provide coffee, water, and fried chicken for Pot Luck

Saturday, June 22nd, 2019

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 23rd, 2019

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

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)



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.

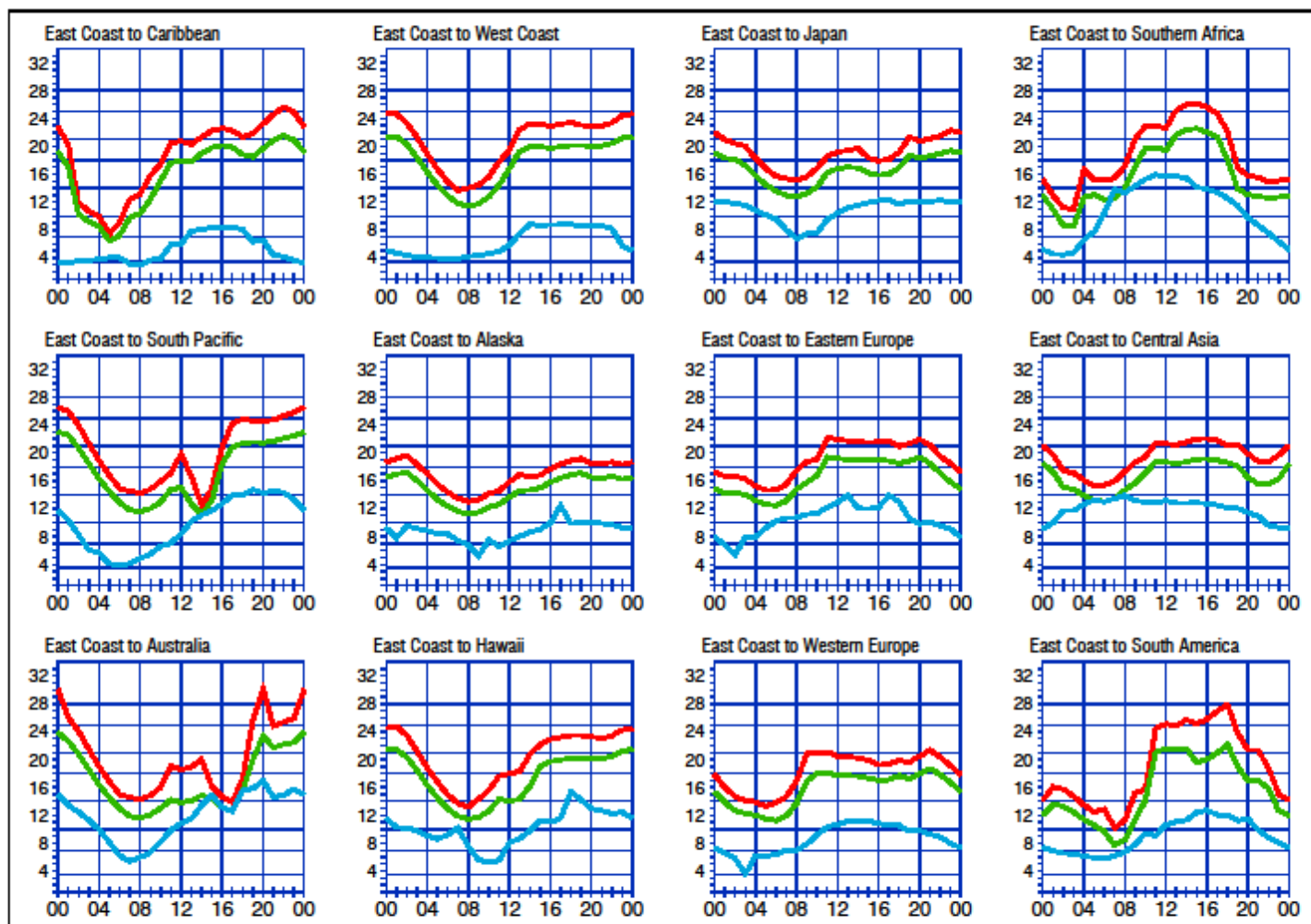
Any Beaver County Amateur that is interested in participating in the RACES/ARES programs can do so by checking into the Beaver County Public Service Net which meets every Monday evening at 8:30 PM local time on the N3TN 146.850 MHz repeater (131.8 PL)

RACES / ARES

The eQRM Urges All County Hams to Participate.



Propagation



When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of June for the paths indicated. The horizontal axes show Coordinated Universal Time (UTC), and the vertical axes frequency in MHz. On 10% of the days of this period, the highest frequencies propagated will be at least as high as the upper red curves (HPF, highest possible frequency) and on 30% of the days they will be at least as high as the green curves (MUF, classical maximum usable frequency). The blue curves show the lowest usable frequency (LUF) for a 1500-W CW transmitter. For SSB or a lower transmitter power, the LUF will be somewhat higher than the blue curves indicate. See Oct 1994 QST, pp 27-30, and Feb 1995 QST, pp 34-36, for more details. The predictions assume an observed 2800-MHz solar flux value of 74. This is a Very Low level of solar activity. See the detailed propagation tables on The ARRL Antenna Book CD-ROM.

PROPAGATION

The East Coast propagation chart listed here is for June 2019.

If you would like more information in general, please visit <http://www.arrl.org/propagation>



ARRL
The national association for
AMATEUR RADIO

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 Nine One One 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

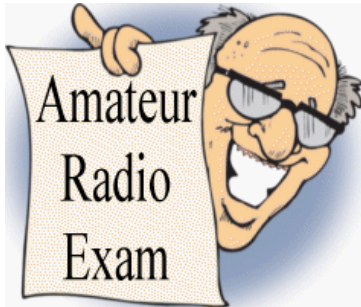
Beaver County Emergency Services Center 351 14th Street Ambridge, PA 15003.
Tests begin promptly at 5 pm on the same day as BVARA Club Meetings
(the second Thursday of the month).
All classes of amateur radio license tests are administered.

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, check, or money order.

New License and Upgrades

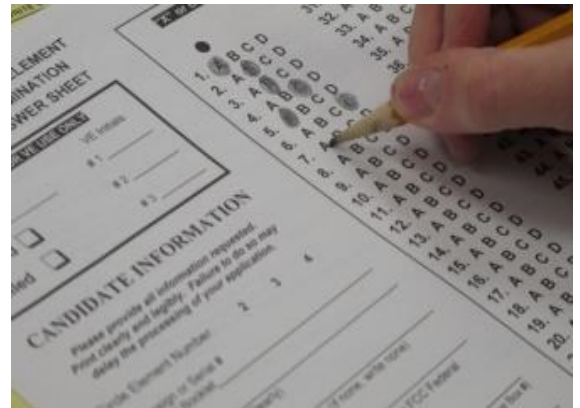
BVARA VE Testing



Here is the successful participant in our VE process this past month:

No one tested for their license or to upgrade their license

The new General Class exams have just arrived from the ARRL for VE testing. We will switch over to the new ones beginning on July 1st, 2019. Hurry, hurry and be the first on your block to take the new General Class exam!



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="checkbox"/> BVARA full membership | 25.00 | _____ |
| <input type="checkbox"/> BVARA student membership | 15.00 | _____ |
| <input type="checkbox"/> BVARA associate membership | 10.00 | _____ |
| <input type="checkbox"/> BVARA Child under 21 at home membership | 5.00 | _____ |
| <input type="checkbox"/> One year ARRL membership | 49.00 | _____ |

A Club Donation _____

ARRL Member? Yes No

Total Enclosed _____

Your License Class (If you have one.)

- | | |
|--------------------------------------|---------------|
| <input type="checkbox"/> Technician | Name _____ |
| <input type="checkbox"/> General | Address _____ |
| <input type="checkbox"/> Advanced | _____ |
| <input type="checkbox"/> 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

General Announcement

The Beaver Valley Area Radio Association took an enjoyable field trip in May. The rain showers paused for a minute to enable seven club members to visit Coolspring, Pennsylvania. There is a Museum of steam and gas engines there. Their collection consists of over 275 engines in 35 buildings on about 50 acres. The trip and museum were awesome



Pictures are available at: <https://www.flickr.com/photos/w3sgj/albums>

Contest Corral

June 2019

Check for updates and a downloadable PDF version online at www.arrl.org/contests.

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

Start - Finish Date-Time	Start - Finish Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1 0000	2 0200	1.8-28	PVRC Reunion	CW Ph	PVRC Member: 1st year of membership, name, SPC, call sign when joined PVRC; non-member: name, SPC	pvrc.org/reunion
1 0000	2 2359	28	10-10 International Open Season PSK Contest	Dig	Name, SPC, mbr	www.ten-ten.org
1 0400	2 2000	3.5-28	DigiFest	Dig	RST, 4-char grid square	www.mixw.net
1 0600	1 0800	7-14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	qrp.ru/contest/wakeup
1 1200	2 1200	3.5-28	SEANET Contest	CW Ph	RS(T), serial	www.seanet2019.com
1 1300	2 1300	50	UKSMG Summer Contest	CW Ph Dig	RST, serial, 6-char grid square	uksmg.org
1 1400	2 0200	1.8-144	Kentucky QSO Party	CW Ph Dig	RS(T), county or SPC	www.kyqso.org
1 1500	2 1459	1.8-28	IARU Region 1 Field Day, CW	CW	RST, serial	darc.de/der-club/forato/contests
1 1500	2 1500	7-50	Dutch Kingdom Contest	CW Ph	RS(T), serial	dkars.nl
1 1500	2 1500	1.8-28	RSGB National Field Day	CW	RST, serial	www.rsgbcc.org/hf
4 0100	4 0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
6 1700	6 2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrau.net/activity-contests
6 1900	6 2100	1.8-28	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
7 1900	7 1959	3.5-7	HA3NS Sprint Memorial Contest	CW	RST, mbr or "NM"	radioamator.honlapetites.hu
8 0000	9 1559	3.5-28	DRCG WW RTTY Contest	Dig	RST, CQ zone	www.drcg.de/drcgww
8 0600	9 0600	3.5-28	VK Shires Contest	CW Ph	RS(T), VK shire or CQ zone	wia.org.au/members/contests
8 1100	8 1300	14-21	Asia-Pacific Sprint, SSB	Ph	RS, serial	jsfc.org/apsprint/aprule.txt
8 1200	9 1200	3.5-28	Portugal Day Contest	CW Ph	RS(T), CT district or serial	rep.pt/portugal_day_contest
8 1200	9 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
8 1500	9 1500	3.5-28	GACW WWSA CW DX Contest	CW	RST, CQ zone	www.wrsatest.org
8 1600	9 1600	50	REF DDFM 6-Meter Contest	CW Ph	RS(T), serial, 4-char grid square	concourse.r-e-f.org
8 1800	10 0259	50 and up	ARRL June VHF Contest	CW Ph Dig	4-char grid square	www.arrl.org/june-vhf
9 1700	9 2200	All	Cookie Crumble QRP Contest	CW Ph Dig	RS(T), SPC, cookie #, name	w3atb.com/cookie-crumble
10 0000	10 0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
10 1900	10 2030	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	www.rsgbcc.org/hf
12 0030	12 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
15 0000	16 2359	50	SMIRK Contest	CW Ph	Mbr, 4-char grid square	www.smirk.org/contest.html
15 0000	16 2359	1.8-28	All Asian DX Contest, CW	CW	RST, 2-digit age	www.jarl.org/English
15 1200	16 1159	3.5-28	Ukrainian DX Classic RTTY Contest	Dig	RST, 2-letter oblast or serial	urdx.org/rtty/eng.htm
15 1200	16 1200	1.8-28	ARR BPSK63 Contest	Dig	RST, serial	ctarr.org
15 1400	15 1800	144-432	AGCW VHF/UHF Contest	CW	RST, serial, power class, 6-char grid	agcw.org/index.php/en
15 1400	16 1400	50	IARU Region 1 50 MHz Contest	CW Ph	RS(T), serial, 4-char grid	concourse.r-e-f.org
15 1500	16 1500	1.8	Stew Perry Topband Challenge	CW	4-char grid square	www.kkn.net/stew
15 1600	16 0400	3.5-28	West Virginia QSO Party	CW Ph Dig	RS(T), county or SPC	qsl.net/wvsarc/wvqrp/wvqrp.html
15 1800	15 1959	1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
15 1800	15 2359	3.5, 7, 14, 18, 21, 24, 28, 14	ARRL Kids Day	Ph	Name, age, QTH, favorite color	www.arrl.org/kids-day
16 0800	16 1400	50	WAB 50 MHz Phone	Ph	RS, serial, WAB square or country	wab.internip.net
17 0100	17 0300	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
19 1900	19 2030	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf
20 0030	20 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
22 1200	23 1200	3.5-28	Ukrainian DX DIGI Contest	Dig	RST, 2-letter oblast or serial	www.lzmail-dx.com
22 1200	23 1200	1.8-28	His Majesty King of Spain Contest, SSB	Ph	RS, EA province or serial	concourse.ure.es/en
22 1800	23 2100	All	ARRL Field Day	CW Ph Dig	Number of xmits, operating class, ARRL/RAC section or "DX"	www.arrl.org/field-day
24 1300	25 0400	1.8-28	QCX Challenge	CW	RST, name, SPC, rig	www.qrp-labs.com/party.html
26 0000	26 0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
27 1900	27 2030	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
29 0000	29 2359	1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
29 0000	29 2359	7-28	Battle of Carabobo International Contest	CW Ph Dig	RS(T), YV state or serial	www.radioclubvalenciaac.org.ve
29 0600	29 1700	3.5-28	UFT QRP Contest	CW	RST, QRP/QRO, mbr or "NM"	uft.net/reglement/eng.pdf

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.

Bits and Pieces

Hello Everyone,

I am writing this with such anticipation! I have the jitters! This month is such a great month for me. The month of June holds the holy grail of Ham events for me. It will be Field Day on June 22 and 23! The only holiday that is better is Christmas. I really enjoy Ham radio... But Field Day; Oh it is the best! This is when over 40,000 hams in the USA use their radios out in the field practicing disaster communications for two days.

In my little piece of the United States we gather at a local park, set up generators, tents, set out tripping hazards (antenna guide lines, power extension cords, tent pegs, tent securing lines, coax) for everyone to enjoy. There are radios, antennas all over the place, tech stuff, and coolers full of food & drinks. Everything is just buzzing. There is so much excitement in the air you could cut it with scissors! To me everyone is just waiting for their chance to install their piece to the puzzle. Some bring food, some bring drinks, some prepare food and others give their time & radio talents. This is just the set up day. It is so much fun to me! You can come in the day, come in the night, stay for a few minutes, stay for a few hours or stay the entire time. It's just fun.

Snacks are laid out, food is prepared on the spot, and some food comes from local restaurants. As the setup of radio associated items and shelters are mostly complete the comradery begins to get even better. Everyone is just waiting for that magic moment; when the clock shows the proper time to man the radios. The moments prior to the time you can start operation with the radios the anticipation goes off the chart. Thirty minutes till time, twenty, ten, three minutes... Can my heart take it? Okay IT's Time!!! Everyone starts the CQ announcements over the air and field day is officially off and running. I am so like a kid at Christmas during Field Day.

Field Day is the best Ham event for me. You are invited to come too. You can come to our little piece of the USA or get on the internet <http://www.arrl.org/field-day-locator> and find a local Ham Club by you and visit/attend their little field day piece of the pie anywhere in the US.

Come join us at Old Economy Park in Baden Pennsylvania (see page 4 for details) if you are near. Otherwise check out a Field Day setup in your local area.

Till next month 73 KC3BXC clear but I'll be listening...

Be courteous on the air, be safe and have fun with your hobby.



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



What is ARRL Field Day?

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!



It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: www.arrl.org

Updated 2/2019