

THE eQRM

JULY 2022



The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ

2M Repeater

145.310

PL 131.8



On the Cover: American freedom is not free. We thank all who have served to keep us free. Thank you.

Happy Fourth of July.

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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: Norm Trunick, K3NJT

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).

2022

Jul 14

Aug 13 Corn Roast

Sep 08

Oct 13

Nov 10

Dec Christmas Party

2023

Jan 12

Feb 09

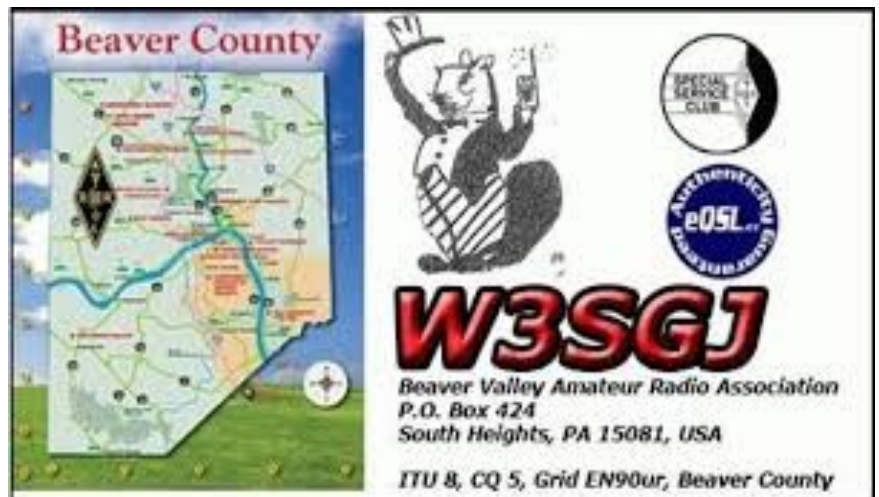
Mar 09

Apr 13

May 11

Jun 08

Jul 13



This Month

This Month:

Speakers:

All in attendance

Topics to be discussed:

Field Day recap, August Corn Roast, Enon Valley Festival,
100th Anniversary of the BVARA.

Including:

As always, some of us will remain to answer questions that new hams may have.

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!



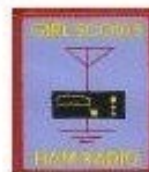
The BVARA meets every Thursday at the Freedom Square Diner in Center Township, just to the right of the Cinemark Center Township Marketplace at 09:30 AM. All radio amateurs and those interested in amateur radio are encouraged to come join us at our Thursday morning breakfast.

**See you
Thursday at**



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 :



June 2022 VE Test Session Results

Our June VE Test Session had three successful candidates, with the participants achieving their goal of passing the exam. Our electronic filing system once again worked superbly. A congratulations email was then sent to the candidates with a snippet of their license page with their new callsign and/or verification that all information was entered correctly.

Our testing was conducted at our normal location at the Beaver County Emergency Services Center in Ambridge, PA. There will be no VE Test Session in August because our Corn Roast event will be held instead of our regular club meeting. Beginning July 1st, the new Technician Tests will begin to be used.

Congratulations to:

Paul Reich, KC3UIZ, Rochester, PA passed the Technician exam

Joanna Seaman, KC3UJP, Industry, PA passed the Technician exam

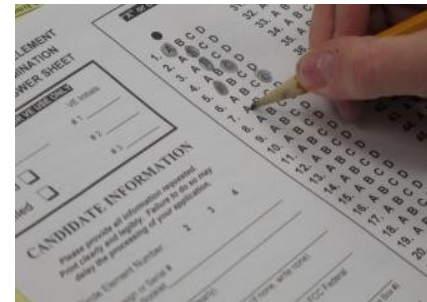
BJ Miller, KC3UJA, Cranberry Twp, PA passed the Technician exam

Congratulations!

All of our BVARA testing would not be 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
Frank Witkowski - W3FJW

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



2022 NW PA HAMFEST

Hosted by the Wattsburg Wireless Association

Saturday, July 9, 2022

Hamfest Opens at 8:00 am

2022 Special - Free Hamfest no charge for
Tailgaters, Vendors or attendees.

Free tables available if needed.

Call In Freq. 147.315, CTCSS 186.2

Make your plans now to attend!

The Hamfest is held at the Greene Township Municipal Building

9333 Tate Road, Erie, PA 16509

Convenient!!! 2 miles South on Route 8 from Interstate 90! 3 miles from Erie City line

For more information email:

hamfest@wattsburg-wireless.us

Tailgating - Vendors - Food - Restrooms - Off street parking

Outdoor picnic area & grills - Large playground for kids - VE Exams

Ham Radio License Exams @ 9 AM

GOOD FOOD !!

Coffee, Doughnuts, Hot Dogs, Burgers, Pop and Water will be there for sale.

Hamfests & General Announcements

Somerset County PA Hamfest



Presented by the Somerset County Amateur Radio Club
P.O. Box 1241
Somerset, PA 15501

Date Change

Talk-In on K3SMT Repeaters
147.195+ PL 123 and 443.250+ PL 123

Same Place



ARRL
Sanctioned

Free Parking

Sunday, July 10, 2022- 8:00 AM to 1:00 PM

Where: Somerset County Technology Center
281 Technology Drive, Somerset, PA 15501

Grounds Open at 6:00 AM for vendors and tailgaters.

Entrance Fee: **Adults \$5.00, children under 13 FREE**
Indoor Tables: Pre-Registration Required

Free Coffee

ARRL VE Testing
at 10:00 AM
Fee \$15.00

Main Prizes by KJI Electronics

FIRST PRIZE

Yaesu FT-891 HF/60Mhz All Mode Mobile Transceiver

SECOND PRIZE

Yaesu FTM-6000R Dual Band FM Transceiver

THIRD PRIZE

Yaesu FT-70DR Dual Band C4FM Digital HT

FOURTH PRIZE

Yaesu FT-4XR Dual Band FM HT

Main Prize Tickets \$1.00 each or 6 for \$5 or 25 for \$20

Additional main prizes from DX Engineering, ARRL and more!

Door prizes from KJI and more!

and Black Box Drawing 50 tickets at \$5.00 each



Food menu by My Girls



KJI Plans to Attend



**No-cost Pre-Registration
REQUIRED**
for indoor space
contact Stew, AK3J at
ak3j@arri.net or 814-444-0637
for flyer updates visit
www.k3smt.org

Directions from PA Turnpike Exit 110

Go straight off
ramp and turn left
at 4th stoplight onto
Route 31 East

Go 2.0 miles and
turn left onto
Technology Drive.

The Hamfest will be
on your right
behind the building



For more local events and attractions see: www.laurelhighlands.org
for Hamfest updates www.k3smt.org and
www.arri.org/hamfests/somerset-county-arc-hamfest

Hamfests & General Announcements

w3ach.org

General Admission
(under 16yrs.free)

8:00am-12:00pm

\$5.00 Donation

Tailgating:

\$10.00 Donation

(setup starts at 6:00am)

Indoor Tables:

\$10.00 each

(8th,9th etc 5.00 each)

(setup starts at 6:00am)

(Special request setup may be
available Fri. 6:00pm-9:00)

ARRL VE TESTING

Registration starts at Noon

For Tables/Advance
Registration or more
INFO: Email
hamfest@w3ach.org

Location:
Cumberland Valley
Engine & Machin-
ery Association
(CVEMA) Show
Grounds

1501 Criders Church Road
Chambersburg PA 17202

Talk-In 147.120 +100pl



ARRL Atlantic
Division WPA
Ver cvareflyr22.1

CVARC HAMFEST 2022

Saturday
JULY 30 2022



Reserve your indoor tables NOW! Contact hamfest@w3ach.org for more info!

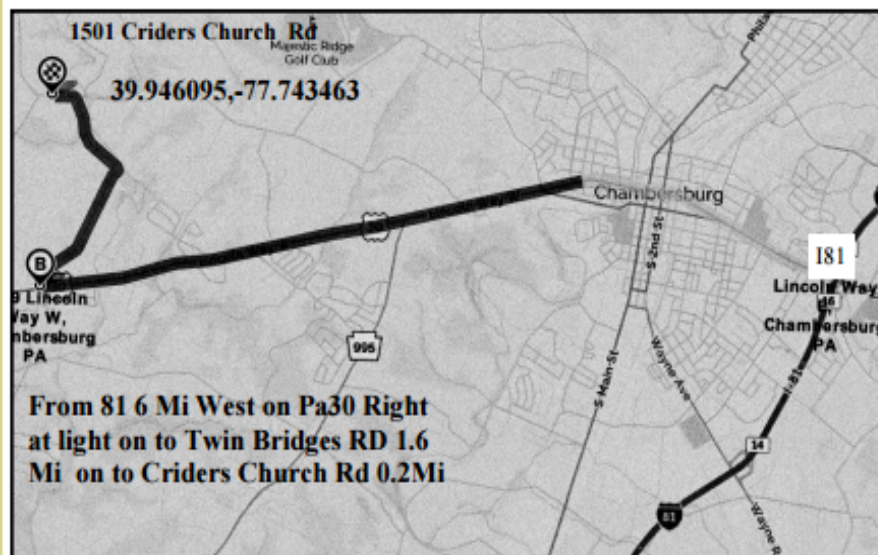
Very Large Show grounds
Large tailgating area and plenty of shade
LOTS OF INDOOR TABLE SPACE

Hourly Door Prizes+, Main Prizes @
NOON (must be present to win.)

Seminars/presentations/demos and more!
ARRL VE Testing on Site: Registration @ Noon
(Walk-ins welcome)

=> Rain or Shine! (No over-nighting on grounds)
Snack bar open at 6:30AM

Twin Bridges Campground Nearby <http://www.twinbridgescampground.com/>



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



2022 Pot Luck Dinner on Friday

The Pot Luck Dinner on Friday was a very successful event with nearly 30 people in attendance and with a wonderful assortment of casseroles and desserts. Many people brought one of their favorite recipes for others to share and enjoy. While others chose to bring store-bought items that filled in nicely several menu selections gaps. All food contributions were most welcome, particularly some notable contributions that were quickly taken and enjoyed.

As was started a few years ago, the invitation list was expanded to not only include all club members but also was expanded to include newly licensed amateurs and their significant others. As a result, at least four or five new amateurs were welcomed to our social Field Day 'kickoff' event.



Jim, KC3IXE is pointing out where the start of the Buffet Line will be, just prior to Dinner.

Of Interest to All



The food looked very good and the Buffet Line quickly formed.

Perhaps because of diminished Covid-19 health concerns, several ‘not seen for some time’ club members and their significant others also attended. With lots of hospitality and good conversations, many old relationships were renewed and new ones were formed.

Paul, KC3TCW and his wife Veronica pause for a quick photo.



Of Interest to All



Celeste, Vicki, Jim, W3BG and his wife make some food selections.



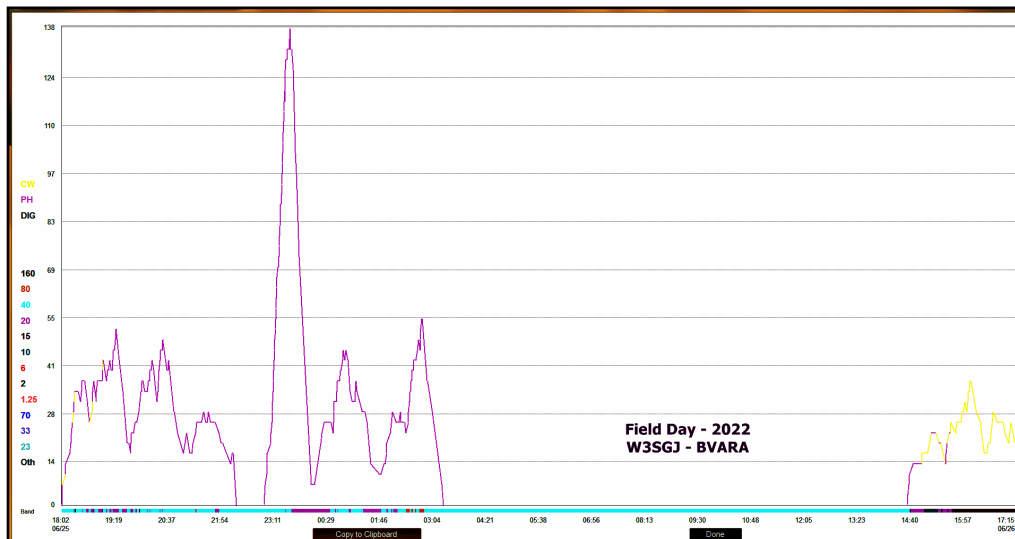
David, KC3BXC, Rich, KC3TOO, and John, N3NQP gather for a photo.

Of Interest to All

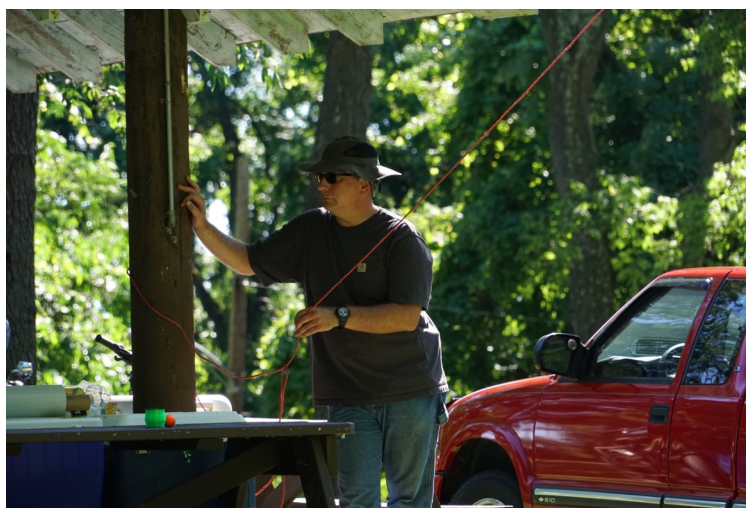
Field Day on Saturday and Sunday

Field Day began around 8:30 AM with 'Breakfast with Norm' including bacon and eggs, toast, doughnuts, coffee, and orange juice. What a treat!

Field Day reception started out with lots of static noise on the bands and was a bit tough getting some contacts through all of the QRM once the event started. Noise was not only here but elsewhere within about 500 miles. We made contacts on 80, 40, 20, 15, 10, and 6 meters. Later in the early evening, the noise level on 40, 20 and 15 meters dropped considerably and contacts were much easier to make.



This graph shows a peak of almost 138 contacts/hour around 7 PM EDT



Doug Hanna, N4YKQ looking busy.
He is holding an antenna rope during set up.

Of Interest to All

Around 1:00 PM on Saturday, County Commissioner Jack Manning accepted our earlier invitation and joined us in our preparations. Jack and his associate County Commissioners proclaimed June 24th through June 26th, 2022 as "Amateur Radio Week" in Beaver County. Jack Manning has stopped by two years in a row. Thank you for freely giving of your personal time, it has meant a great deal to us and supports our efforts to be ready to provide emergency communications to the residents of Beaver County and beyond, should the need arise.



Doug Lawrence, K3GTX, Doug Hanna, N4YKQ, Jeff Waite, K3SLK, Larry Homich, KC3ROS, County Commissioner Jack Manning, Jim Allen, KC3IXE pose next to an emergency solar panel powering a field day radio station.



Jeff, K3SLK divining for the best location to place a ground rod. ;-)

Of Interest to All



David, KC3BXC holding an antenna rope during set up.

(I told you I totally enjoy Field Day, just look at the expression on my face!)

Once set up, the PC server with UPS and three clients worked flawlessly. Two 100-watt stations were powered by a 1 KW Honda Inverter Rich Soltesz, K3SOM supplied and the third station was powered by a 2K Inverter. Absolutely no generator RFI noise and no home/business Wi-Fi at all, just our Ubiquiti Router with an 8 dB gain Vertical Antenna. Our setup was truly ‘off the grid’.

40 and 20 meters were the real winners for contacts and were open most of the day and evening. Antennas used were a 40M dipole, a 90-ft vertical with eight long radials, and a Wolf River Coil.

Of Interest to All

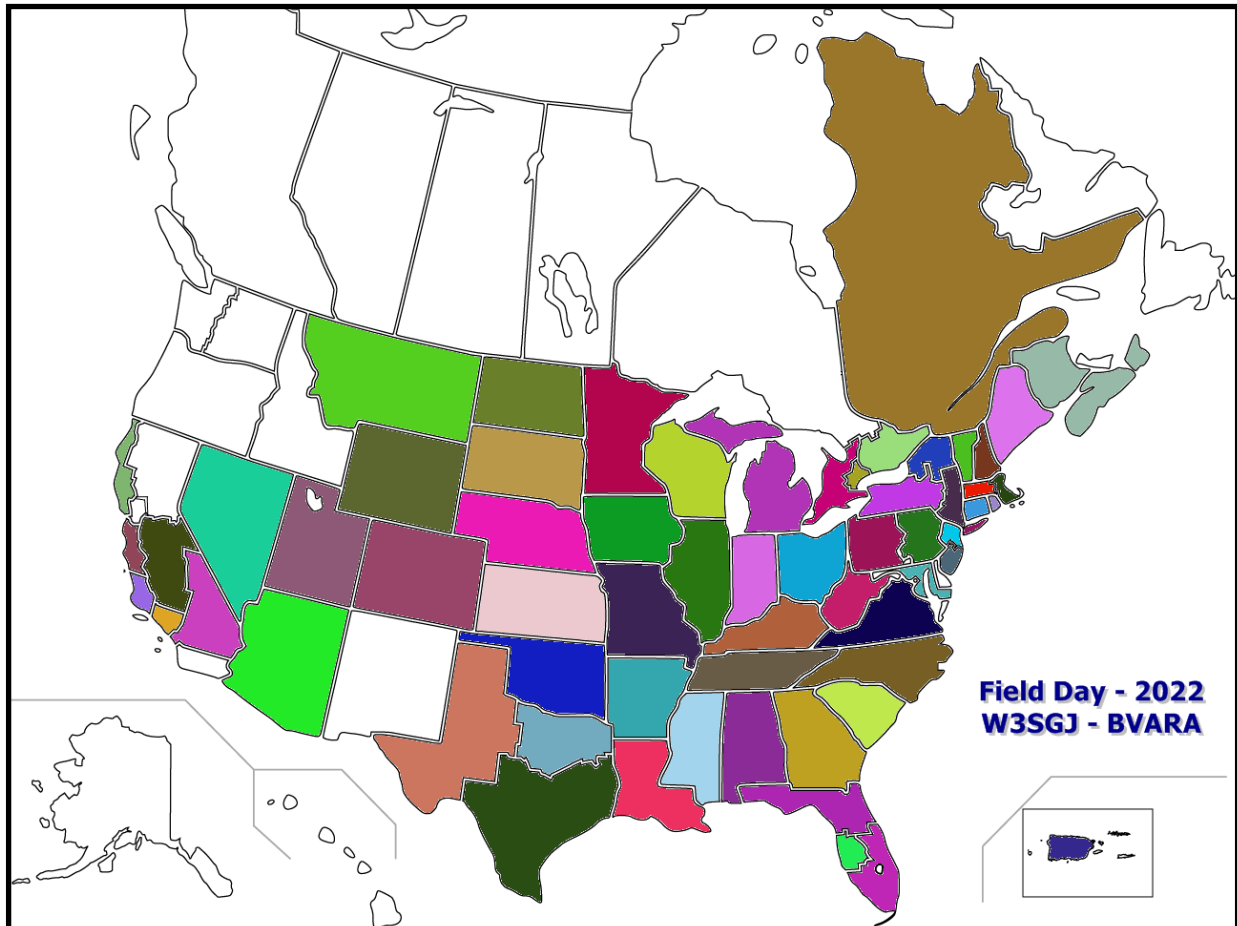


Dan, KA3QIF, Bob, W3BBO, Tom, AA3CE, and Tony, KA3AHP

Bob, W3BBO made a total of 50 CW contacts in a very short period of time. His award-winning CW technique drew a bit of a crowd as he rattled off the contacts at around 30 words per minute.

Of Interest to All

Our final contacts.



The colored-in areas show all the contacts the BVARA made this Field Day 2022.

Rain showed up around 6 AM Sunday morning for about 20 minutes. There appeared to be a threat of rain and lightning around 2 PM so we decided to 'pull the plug' around Noon to avoid trying to pack up in a storm.

We all had fun. Thanks to everyone that participated.

Rich – K3SOM

Bits and Pieces

Hello Everyone,

I am having a hard time with how fast this summer is going by. We just finished Field Day 2022, now July is on the way! Field Day went by so fast. I tried to salvor every minute of it. I went early and stayed late. I enjoyed by the minute the radio talk, the good food, the time of comradery and the hours of radio contacts.



We started out on Friday with a little setting up. That evening over thirty of us gathered to have some food. It was so great to see everyone and break bread together. During the blessing, we somberly but fondly remembered those who were not able to be with us.

Saturday morning, we had “Breakfast with Norm” this is always a great time of food and visiting. The traditional breakfast is like a bow on a packaged gift, it is a necessity of the BVARA Field Day. The breakfast is all so similar to the starting line of a race, there is so much anticipation in the air. Everyone is excited that after some radio equipment set-up, it won’t be long before the contacts start! This breakfast “food-ing” gets our group energized for the next hours of radio fun. Thank you Norm.

During this year’s Field Day we were visited by several elected officials; David Lozier, Jack Manning and Tony Guy were our welcomed guests. Thank you, gentlemen, for taking time on a Saturday to visit and support your local Hams. We back our local and national community anytime there is a need for communications support. When all else fails ham radio comes through.

A good time was had by all!

If you are not a licensed Ham operator, I encourage you to start studying and join your amateur radio community now.

Happy Fourth of July! Be safe.



Clear on your final, but I will be monitoring.

73 KC3BXC



Radio Sport

Contest Corral

July 2022

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
Date-Time	Date-Time							
1	0000	1	2359	1.8-144	RAC Canada Day Contest	CW Ph	RS(T), VE province/territory or serial	www.rac.ca
2	0000	2	2359	1.8-28	Venezuelan Independence Day Contest	CW Ph Dig	RS(T), serial	radioclubvenezolano.org
2	0800	3	1100	3.5	NZART Memorial Contest	CW Ph	RS(T), serial	www.nzart.org.nz/activities
2	1100	3	1059	3.5-28	DL-DX RTTY Contest	Dig	RST, serial	www.drcg.de/dldxrtty
2	1400	3	1400	1.8-28	Marconi Memorial HF Contest	CW	RST, serial	www.arifano.it
2	1500	3	1500	3.5-14	Original QRP Contest	CW Ph	RST, serial, power category	www.qrpcc.de
2	1500	3	1500	50, 144, 432	TA VHF/UHF Contest	CW Ph	RS(T), serial, 6-char grid square	trac.org.tr
2	2000	3	2000	7	PODXS 070 Club 40-Meter Firecracker Sprint	Dig	RST, SPC	www.podxs070.com
4	1630	4	1729	3.5, 7	OK1WC Memorial (MWC)	CW	RST, serial	memorial-ok1wc.cz
4	1900	4	2030	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf
5	0100	5	0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrq.blogspot.com
6	1200	6	1300	1.8-28	A1Club AWT	CW	RST, name	a1club.org/contest/awt
6	1700	6	2000	144	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu
7	0000	8	0300	7	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or power; 13 WPM max	qrptest.com/pigwalk40
7	1700	7	2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrrlcontest.no/index.php/nrrl-contests
7	1900	7	2100	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
9	1200	10	1200	1.8-28	IARU HF World Championship	CW Ph	RS(T), IARU HQ Society or ITU zone	www.arrl.org/iaru-hf-world-championship
9	1200	10	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
10	2000	10	2300	1.8-28	QRP ARCI Summer Homebrew Sprint	CW	RST, SPC, mbr or power	qrparci.org/contest
11	0000	11	0200	1.8-28	4 States QRP Group Second Sunday	CW Ph	RS(T), SPC, mbr or power	www.4sqrq.com
11	1630	11	1729	3.5, 7	OK1WC Memorial (MWC)	CW	RST, serial	memorial-ok1wc.cz
13	1200	13	1300	1.8-28	A1Club AWT	CW	RST, name	a1club.org/contest/awt
13	1700	13	2000	432	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu
13	1900	13	2030	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
16	0700	16	1459	7-28	Russian Radio Team Championship	CW Ph	RS(T), mbr code or ITU zone	srr.ru
16	0800	16	1400	1.8-7	Trans-Tasman Low-Bands Challenge	CW Ph Dig	RS(T), serial	www.wia.org.au
16	1400	17	1400	70	IARU Region 1 70 MHz Contest	CW Ph	RS(T), serial, 6-char grid	www.iaur-r1.org
16	1800	17	0559	3.5-28	North American QSO Party, RTTY	Dig	Name, SPC	www.ncjweb.com
16	1800	17	2100	50, 144	CQ Worldwide VHF Contest	CW Ph Dig	4-char grid square	www.cqww-vhf.com
17	0900	17	1600	3.5-14	RSGB International Low Power Contest	CW	RST, serial, power	www.rsgbcc.org/hf
17	2000	17	2159	14	CQC Great Colorado Gold Rush	CW	RST, SPC	www.coloradoqrclub.org
17	2300	18	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrptest.com/pigrun
18	1630	18	1729	3.5, 7	OK1WC Memorial (MWC)	CW	RST, serial	memorial-ok1wc.cz
18	1900	18	2030	3.5-14	RSGB FT4 Contest	FT4	4-char grid square	www.rsgbcc.org/hf
20	1200	20	1300	1.8-28	A1Club AWT	CW	RST, name	a1club.org/contest/awt
20	1700	20	2000	1.2G	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu
21	0000	22	0300	14	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or power; 13 WPM max	qrptest.com/pigwalk20
21	0030	21	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
21	1900	21	2000	3.5-14	NTC QSO Party	CW	RST, mbr or "NM"; 25 WPM max	qsl.net/ntc/party.html
23	1000	23	2159	3.5-28	YOTA Contest	CW Ph	RS(T), age	www.ham-yota.com/contest
25	1630	25	1729	3.5, 7	OK1WC Memorial (MWC)	CW	RST, serial	memorial-ok1wc.cz
27	0000	27	0200	1.8-50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
27	1200	27	1300	1.8-28	A1Club AWT	CW	RST, name	a1club.org/contest/awt
28	1900	28	2030	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	www.rsgbcc.org/hf
30	0000	30	2359	1.8-50	Feld Hell Sprint	Dig	Mbr, SPC, grid	sites.google.com/site/feldhellclub
30	1200	31	1200	3.5-28	RSGB IOTA Contest	CW Ph	RS(T), serial, IOTA # (if applicable)	www.rsgbcc.org/hf
30	1400	30	1800	144	WAB 144 MHz Low Power Phone	Ph	RS, serial, WAB square or country	wab.internip.net
30	1400	31	2200	3.5-50, Satellite	Tennessee State Parks on the Air	All	TN park abbreviation or SPC	www.tnpota.org
31	1700	31	2100	7-28	ARS Flight of the Bumblebees	CW	RST, SPC, power or Bumblebee number	www.arsqrq.blogspot.com