

THE eQRM

MAY 2025



The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ



2M Repeater

145.310

PL 131.8



On the Cover: Here is a beautiful example of May flowers due to April showers. I hope you get to enjoy some April flowers. It won't be long now till Field Day! I hope you are making plans to be a part of the fun too!

Inside this edition

Who We Are	3	Hamfests & General	9
This Month	4	Announcements	
Get a License or Upgrade	6	Of Interest to All	10
New License and Upgrades	7	Bits and Pieces	17
Membership	8	Radio Sport	18

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

2025 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Larry Homich, KC3ROS

2nd Vice Pres.: Greg Burns KCTFW

Treasurer: Pam Spencer, W3PMS

Secretary: Tom Stoops N3XC

Director: Tony Pavilonis, K3AHP

Director: Jim Allen, KC3IXE

Director: Douglas Lawrence K3GTX

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).

2025

May 08

Jun 12

Jul 10

Aug 09 Corn Roast

Sep 11

Oct 09

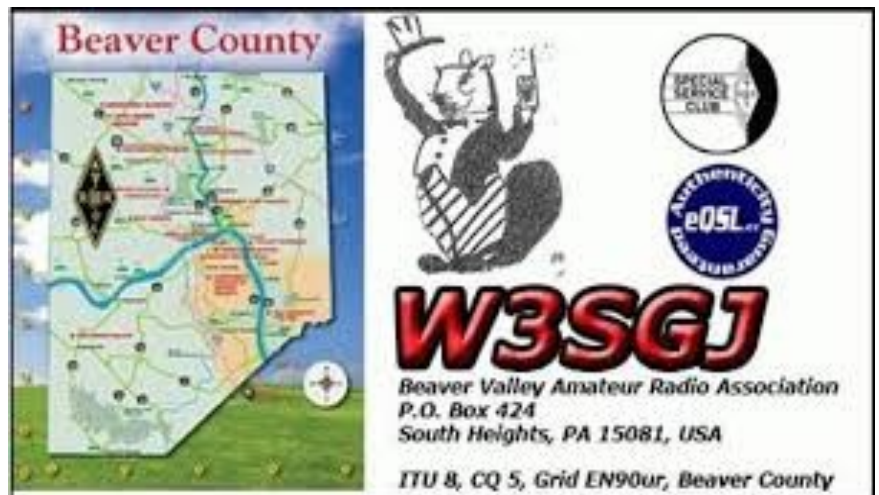
Nov 13

Dec 06 Christmas Party

2026

Jan 08

Feb 12



This Month

This Month:

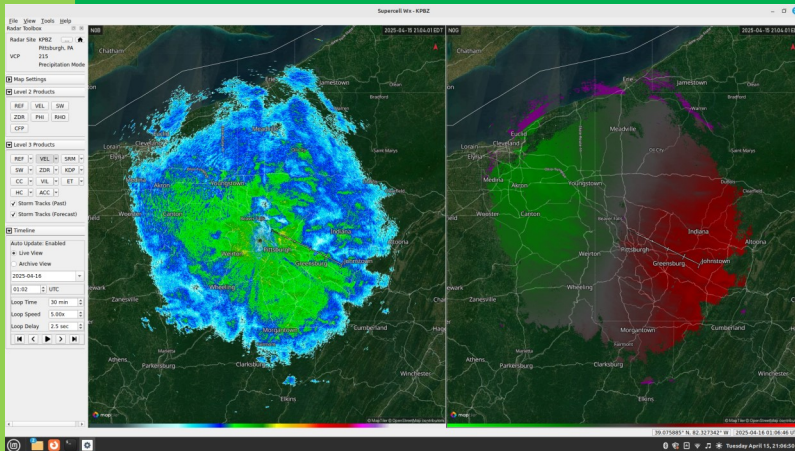
Speaker:

Rich Soltesz
K3SOM

Topic:

Supercell WX Program

Including:



Continuing with our BVARA Presentation Series this year, our topic this month highlights a newer program for weather analysis of supercells that utilizes the Next Generation Weather Radar (NEXRAD) system. NEXRAD is a network of 160 high-resolution S-band Doppler weather radars jointly operated by the National Weather Service (NWS), the Federal Aviation Administration (FAA), and the U.S. Air Force. The NEXRAD system detects precipitation and wind, and its data can be processed to map precipitation patterns and movement. NCEI provides access to archived NEXRAD Level-II data and Level-III products.

Supercell WX is a free, open source application to visualize live and archive NEXRAD Level 2 and Level 3 data, and severe weather alerts. It displays continuously updating weather data on top of a responsive map, providing the capability to monitor weather events using reflectivity, velocity, and other products.

We'll begin by showing you some of the screen shots from the April 15, 2025 severe weather event that swept across Western Pennsylvania. Using *Supercell WX* to display live weather conditions with the Cleveland, Pittsburgh, and State College NWS NEXRAD data products, a fascinating wealth of not just data, but useful information about localized weather conditions was continuously displayed. With only a mouse click on some of the colored quadrangles, text watches and warnings were displayed about the highlighted area. Both yellow and orange lines bounded the region of interest. Fascinating and frightening!

But wait, there's more! We'll show how easy it is to install this free application on various platforms. In addition, we'll show you how to. . . This is one presentation you won't want to miss!

Rich's Background:

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

More this Month

Weekly

Thursday Morning Breakfast
(or you can have lunch)

Come join us!



BREAKFAST

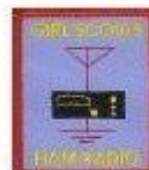
The BVARA meets every Thursday at the Freedom Square Diner in Center Township, just to the right of the Cinemark Center Township Marketplace at 09:30 AM. All radio amateurs and those interested in amateur radio are encouraged to come join us at our Thursday morning breakfast.



See you

RACES / ARES

The eQRM Urges All County Hams to Participate.



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

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)

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 :



April 2025 VE Test Session Results

Our April VE Test Session had two candidates, with both candidates passing their Technician test. Our electronic filing system once again worked superbly.

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 May 8th, 2025.

Congratulations to:

Steve Dudukovich, KD3BBI, Coraopolis, PA

Louis (Lou) Lalama, KD3BCI, Coraopolis, PA

If you hear them on the air, please congratulate them on their achievement! All of our BVARA testing would not be possible without the help of the following Extra-Class VE Team members:

Keith Custard – KC3TMC

Reg Genola – W3REG

Tony Pavilonis – K3AHP

Scott Pelkofer - KC3KYZ

Mick Pyzoha – N3OJP

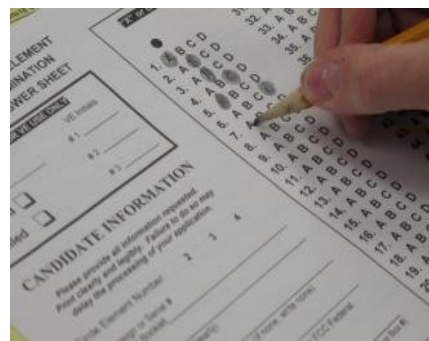
Bart Stack – KB3NFM

Ron Victorelli – KC3TZT

Bob Winkle – N3AZZ and

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	59.00	_____
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



When is the show?

Friday	May 16th, 2025	9:00 AM – 5:00 PM
Saturday	May 17th, 2025	9:00 AM – 5:00 PM
Sunday	May 18th, 2025	9:00 AM – 1:00 PM

Where is the show?

Greene County Fair and Expo Center
210 Fairground Road, Xenia 45385
Coordinates are 39.702 N – 83.9420 W



Dayton
Hamvention®



Of Interest to All



Tri-State Radio Fest – We Didn't Win the Grand Prize!

The Tri-State Radio Fest (TSRA) was held on Sunday, April 27th, 2025 at the Center Stage Banquet Hall in Monaca, PA. This event is sponsored by the Pittsburgh Antique Radio Society (PARS). This was the 19th Annual Antique Radio Flea Market. The sponsors pride themselves on supporting antique radios as well as ham radio and audio equipment but specify “No PC Hardware!”



Some for sale offerings from BVARA members

The BVARA has frequently been a supporter of this event by purchasing a Vendor Table as a meeting place for members and a specific place where members may offer to sell some of their equipment. This year, our members noted that a large number of ham radio operators were in attendance.

Of Interest to All

In 2022, Larry, KC3ROS won the Grand Prize of a Zenith Table Radio from the late 1930s that had been completely restored and refinished by a member of the Pittsburgh Antique Radio Society (PARS). About 13 years ago, George Hostovichak, NN3J (SK) won a Zenith TransOceanic Radio at an earlier event. About two years later, Bob DeMarco, WA3ZRM won a stylish Art Deco desk-top radio. This year, many BVARA members supported the TSRA, but did not win the Grand Prize.

Some of our BVARA members attending the event included Jack, KZ3Z and Pam Spencer, W3PMS, Doug, N4YKQ and Celeste Hanna, Dan, KB3VSP and Patti Grazulis, John Athanassion, N3NQP, Tom Stoops, N3XC, Tim Tress, KA3JRT, Tom Tronzo, WB1AHL, and Rich Soltesz, K3SOM. N3XC and K3SOM brought some near-antique items for sale with good success. Eyeball QSO's are always an enjoyable pastime at these events!



**BVARA members
N3NQP, Tom Stoops and Doug, N4YKQ
Pose for a quick eQRM photo**

Of Interest to All

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



So, after the regular Wednesday 10-meter net the band was open from Southern California to Washington state. Poor Rich Soltesz, K3SOM couldn't get off the air.... Wait. Let me back up.

The regular 10-meter net on Wednesday 23 April 2025, had to move a little off the normal frequency of 28.470. There were stations engaged in using the frequency. Gentleman Rich simply moved a few kilohertz down to 28.367 and held the net. There was a little BVARA club activity. There were few check-ins. It was not like the normal group. We were kinda short on check-ins. I think maybe few members thought to try a little up or down from our regularly scheduled, 28.470, 10-meter frequency. But! The band was open!

After Rich K3SOM closed the net, radio amateurs started calling! Holly Buckets! When I say the band was open, I mean it! One ham from California was running QRP of only 20 watts! We heard Bret just fine. He was weak but very readable.

I think I remember the first operator to call Rich was Matt, KK7TSH from Poulsbo, Washington just across the water from Seattle Wa. They had a nice QSO. Matt said he had been listening for about half an hour while the net was going on. Gentleman Matt waited till after the net to call K3SOM. Rich was going to shut-r-down for the night, it was getting pretty late...another call. This time it was a station from Pittsburg California (I didn't copy his call sign). Another nice QSO.

Again, Rich was going to go QRT, nope. KK7TV Randy called from Cave Creek, Arizona...then KA7NGT Roy from Mineral Creek, Washington called. Rich was very gracious and answered each call professionally and gentlemanly. He explained he had an early appointment and had to go QRT. He cleared and yet there were more calls... It was late, I too shut-r-down and went to bed.

Some hams say the bands are dead. I don't agree, get on the air and call CQ. I bet someone will come back to you...

KC3BXC, David

Special Events for May 2025*

Selected Events of Interest to BVARA Members

May 8 – May 18, 1300Z – 2359Z, W2V, Gastonia, NC. Radio Gastonia. **80th Anniversary of the Victory in Europe — VE Day**. 7.245 14.245 21.345 28.445. QSL. Dave Arruzza, NC4DA, 243 Moore Dr., Gastonia, NC 28056. www.qrz.com/db/w2v

May 10, 1500Z – 2300Z, W7G, Corinne, UT. Ogden Amateur Radio Club (W7SU). **Golden Spike Special Event Station**. 7.040 7.235 14.040 14.255. QSL. Ogden Amateur Radio Club, W7SU, P.O. Box 3353, Ogden, UT 84409. www.w7g.org or www.ogdenarc.org

May 10, 1600Z – 2300Z, NI6IW, San Diego, CA. USS Midway Museum Ship. **Armed Forces Day**. 7.250 14.320; 14.070 PSK31 D-STAR on PAPA System repeaters. QSL. USS Midway Museum Ship, COMEDTRA, 910 N. Harbor Dr., San Diego, CA 92101. www.qrz.com/db/ni6iw

May 11 – May 18, 0001Z – 2359Z, K3FBI/O – 9, Fredericksburg, VA. FBI Amateur Radio Association. **National Police Week — Honoring Our Fallen Heros**. 7.030 7.250 14.050 14.275. Certificate. Downloadable PDF at end of June, see **QRZ.com**. www.qrz.com/db/K3FBI

May 24, 1500Z – 2000Z, K8JWB, Baltimore, MD. Project Liberty Ship (SS *John W. Brown*). **Living History Cruise of SS John W. Brown: World War II Liberty Cargo Ship**. 7.210 14.230 21.300 28.320. Certificate. Project Liberty Ship K8JWB, Pier 13, 4601 Newgate Ave., Baltimore, MD 21224. www.ssjohnwbrown.org

*Courtesy of ARRL.org, *QST Magazine*, Special Event Stations, April 2025 to May 2025

Of Interest to All

For sale

Yaesu VL-1000 Linear Amplifier and Matching VP-1000 Power Supply

Albert Belardia, WA3GFM, 86, passed away on Tuesday (September 27, 2022) at his home in Aliquippa, PA. Al was an active member in the *Beaver Valley Amateur Radio Association* and spent hours reaching out to amateur radio operators all over the globe. He made friends with contacts in over 320 Countries and on every Continent. With confirmed DXCC contacts on over 4-½ HF bands, Al was this close, to his goal of five-band D



For sale is his VL-1000 HF / 50 MHz Solid-State Linear Amplifier and VP-1000 matching Power Supply that operates on 120 to 230 VAC. The Linear Amplifier includes a built-in auto-sense tuner with 240 memories. Connecting to a non-Yaesu transceiver is also possible because the internal processor will measure the transceiver frequency and automatically switch to the appropriate band and auto tuner settings. The estate asked the BVARA to assist in finding suitable homes for his prized equipment.

Continued on
next page

Of Interest to All

Included with the Linear Amplifier and Power Supply are:

- Original 2005 invoice
- User manuals for each unit
- Factory/vendor triple boxes for each unit
- Power Supply service invoice document
- AC power cord with a 20-Amp, 220 VAC twist-lock plug
- DC cable that runs from the P/S to the amp
- Data Band 1 cable (8-pin DIN \leftrightarrow 8-pin DIN, 2 meter)
- Data Band 2 cable (D-sub 15-pin \leftrightarrow 1/8" miniature, 2 meter)
- Connecting cables for non-Yaesu transceivers (ALC and Transmit cables are not included but are straight forward. All amplifier connectors are described in the 20-page User Manual)

Last year the unit was unboxed, connected to a suitable dummy load and powered up on all bands to verify its operability. The *attached photo* shows full output on the 10-meter band. Al, WA3GFM was the original and only owner of the equipment and was a non-smoker. He was meticulously proud of his equipment and always took excellent care of all of his ham radio equipment.

The club is asking \$2,400 for both units and would consider a reasonable offer. These units are in excellent condition and would be a welcome addition to your station. Questions and serious inquiries should be directed to **Dan Grazulis, KB3VSP at (724) 612-8043 (cell phone)** who performed the check-out and operability of the units.

Rich Soltesz, K3SOM

Of Interest to All

BVARA



May 2025

State QSO Parties:

- 7th Call Area, Delaware, Indiana, New England, May 3rd – 4th
- Canadian Prairies Provinces, May 10th – 11th
- Arkansas, May 17th – 18th

10-10 International Spring Contest, CW, May 3rd – 4th

Dayton Hamvention, May 16th – 18th

CQ WW WPX Contest, CW, May 24th – 25th

POTA, POTA All Month with Great Weather

June 2025

Breezeshooters Hamfest, June 8th

Field Day, June 27th- 29th



Bits and Pieces

Hello all,

The saying goes "April showers bring May flowers". This sure has been true at our farm. The spring flowers I planted as well as the wild flowers have been in bloom so beautifully, how about at your house? Have you had some great flower blooms? Okay if not too many flowers, then how about the grass? I have had to cut the grass here three times now! The first time I had to wear a heavy winter coat, gloves and a hat! It was only 33 degrees! If I had waited any longer, I would have had to bale it! I am enjoying spring. It's really busy here on the farm, cutting grass, cutting the pastures, plowing, rototilling, and soon much planting. I enjoy it, we are blessed to have a farm, I am not bragging. I am grateful for this blessing from God. How about you, what are you grateful for?



I know I got off track here please forgive me. I am enjoying life. What are your radio plans for this spring/summer? I have some big plans to get that Dadgum Pole in the ground and put up the horizontal loop antenna I have been dreaming about for so long. I am just going to demand of myself to take time and get it done! I also want to attend some hamfests. I always enjoy this part of the radio hobby. I may not purchase anything but I always have a good time.

You know... Field Day is coming! What are you going to do? How are you going to enjoy it? I can't encourage you enough! Get involved, have fun! Do whatever it is you can. Here at the BVARA we always have a great time during Field Day. If you have no club or radio set-up to attend, we invite you to our set-up at Economy Park. I personally invite you to come and have some radio fun with us! Don't be shy, come enjoy "a great radio time" with us. You don't have to have an amateur radio license or be a member of the BVARA. We will "get you on the air" and show you how you can get your amateur radio license. Then you can get on the air any time. Please, come have some fun with us! Make plans now to come June 27-29.

Till next month...

Clear on your final, but I will be monitoring.

73 KC3BXC



Radio Sport

Contest Corral

May 2025

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				Bands	Contest Name	Mode	Exchange	Sponsor's Website
Date-Time		Date-Time						
1	0000	2	0300	7	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; max 13 WPM	qrpcontest.com/pigwalk40
1	1300	1	1900	3.5-28	AGCW QRP/QRP Party	CW	RST, serial, class (A/B)	www.agcw.de/contest/qrp-qrp
1	1800	1	2200	28	NRAU 10m Activity Contest	CW Ph Dig	RS(T), 6-char grid	nrau.net/nrau-contests-in-general
1	1900	1	2100	1.8-28,50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
3	0001	4	2359	28	10-10 Int'l Spring Contest, CW	CW	Name, mbr or "none," SPC	www.ten-ten.org
3	0300	3	0859	3.5-28	RCC Cup	CW Ph	RS(T), mbr or ITU zone	rccup.ru
3	0600	4	2359	2.3 GHz and up	SBMS 2.3 GHz and Up Contest and Club Challenge	CW Ph Dig	6-char grid	w6ife.com
3	0800	3	1400	All above 902	Microwave Spring Sprint	CW Ph Dig	6-char grid	sites.google.com/site/springvhfupsprints/2025-information
3	1200	4	1159	3.5-28	ARI International DX Contest	CW Ph Dig	RS(T), 2-letter province or serial	www.ari.it
3	1200	4	1200	3.5-28,144	F9AA Cup, PSK	Dig	RST, serial	www.site.urc.asso.fr
3	1300	4	0700	1.8-28	7th Call Area QSO Party	CW Ph Dig	RS(T), 5-letter state/county code or SPC	7qp.org
3	1500	4	0300	1.8-28	Indiana QSO Party	CW Ph	RS(T), IN county or SPC	www.hdxcc.org
3	1700	4	2359	1.8-28,VHF	Delaware QSO Party	CW Ph Dig	RS(T), DE county or SPC	www.fsarc.org
3	2000	4	2359	3.5-28	New England QSO Party	CW Ph Dig	RS(T), New England county/state or SPC	neqp.org/rules
4	1000	4	1400	7	WAB 7 MHz Phone	Ph	RS, serial, WAB square or SPC	wab.intermip.net/Contests.php
4	2300	5	0300	All, no WARC	MIE 33 Contest	CW Ph	RS(T), age, "ME" or "MEJ" or none	www.ztv.ne.jp
6	0000	6	0200	3.5-28	ARS Spartan Sprint	CW	RST, SPC, pwr	ars-qrp.com
6	0100	6	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, Youth YL, or Youth)	wwsac.com/rules.html
7	1700	7	2100	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid	www.ft8activity.eu
10	0000	10	2359	3.5-28	FISTS Saturday Sprint	CW	RST, first name, mbr or "0," SPC	fistsna.org
10	1200	11	1159	1.8-28	CQ-M International DX Contest	CW Ph	RS(T), serial	cqmq.srr.ru/en/rules
10	1200	11	1200	3.5-28	VOLTA WW RTTY Contest	Dig	RST, serial, CQ zone	www.contestvolta.it/rules.pdf
10	1200	11	2359	1.8-28,50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
10	1700	11	0300	7,14,21,28	Canadian Prairies QSO Party	CW Ph	RS(T), VE4/5/6 district code or SPC	cpqp.ve6hams.ca
10	2300	11	0300	50	50 MHz Spring Sprint	CW Ph Dig	4-char grid	sites.google.com/site/springvhfupsprints/2025-information
12	0000	12	0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or pwr	www.4sqrp.com
12	1900	12	2030	3.5	RSGB 80m Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org
13	0100	13	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, Youth YL, or Youth)	wwsac.com/rules.html
13	1900	13	2029	3.5	DARC FT4 Contest	FT4	RST, 4-char grid	www.darc.de
14	1700	14	2100	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid	www.ft8activity.eu
15	0000	16	0300	14	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; max 13 WPM	qrpcontest.com/pigwalk20
15	1900	15	2000	3.5-14	NTC QSO Party	CW	RST, mbr or "NM"; max 25 WPM	pi4ntc.nl/ntcqp
17	0600	17	2100	3.5-28	UN DX Contest	CW Ph	RS(T), Kazakhstan district code or serial	undxc.kz/rules-eng
17	0800	18	1100	3.5	NZART Sangster Shield Contest	CW	RST, serial or branch number (if ZL)	www.nzart.org.nz
17	1200	17	1600	14,21,28,50	Feld Hell Sprint	Dig	See rules	sites.google.com/site/feldhellclub
17	1200	18	1200	1.8-28	His Maj. King of Spain Contest, CW	CW	RST, EA province or serial	concursos.ure.es
17	1200	18	1200	3.5-28	EU PSK DX Contest	Dig	EU: RST + EU area; non-EU: RST + serial	eupsk.club
17	1400	18	0200	1.8-28,50,144	Arkansas QSO Party	CW Ph Dig	RS(T), AR county or SPC	www.arkqp.com
17	2100	18	0200	3.5	Baltic Contest	CW Ph	RS(T), serial	www.lrsf.lt/en
18	0000	18	2359	3.5-28	FISTS Sunday Sprint	CW	RST, SPC, first name, mbr or "0"	fistsna.org
18	2300	19	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or pwr	qrpcontest.com/pigrun
19	1900	19	2100	3.5-28	RSGB FT4 Contest	Dig	Signal report	www.rsgbcc.org
20	0100	20	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, Youth YL, or Youth)	wwsac.com/rules.html
21	1700	21	2100	1.2G	VHF-UHF FT8 Activity Contest	Dig	4-char grid	www.ft8activity.eu
21	1900	21	2030	3.5	RSGB 80m Club Championship, Data	Dig	RST, serial	www.rsgbcc.org
22	0030	22	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or pwr	naqcc.info/sprint_rules.html
24	0000	25	2359	1.8-28	CQ WW WPX Contest, CW	CW	RST, serial	www.cqwpw.com/rules.htm
26	0000	26	0100	1.8-28	QRP ARCI Hootowl Sprint	CW	RST, SPC, mbr or pwr	qrparki.org
27	0100	27	0159	1.8-28,50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, Youth YL, or Youth)	wwsac.com/rules.html
28	0000	28	0200	1.8-28,50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
29	1900	29	2030	3.5	RSGB 80m Club Championship, CW	CW	RST, serial	www.rsgbcc.org
30	0000	1	2359	1.8-28,50	PODXS 070 Club Three Day Weekend Contest	Dig	mbr or "0000"	www.podxs070.com
31	0000	31	2359	1.8-28,50	Feld Hell Sprint	Dig	See rules	sites.google.com/site/feldhellclub
31	1200	1	1159	1.8-28	Russian WW MultiMode Contest	CW Ph Dig	RST(Q), 2-char oblast or serial	www.rdrclub.ru