

# THE eQRM

SEPTEMBER 2021



## The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ

Repeater 145.310 PL 131.8



**On the Cover:** Harvest time is right around the corner here in Western Pennsylvania. Soon the temperatures will be going down. With cooler temperatures, it will not be long and the trees will be displaying their beautiful Fall colors. Have you completed your Summer Ham radio checklist?

You better hurry!

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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

## 2021 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Dan Grazulis, KB3VSP

2nd Vice Pres.: Open

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  
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

Sep 09

Oct 14

Nov 11

Dec 08 Christmas Party

Jan 13 2022

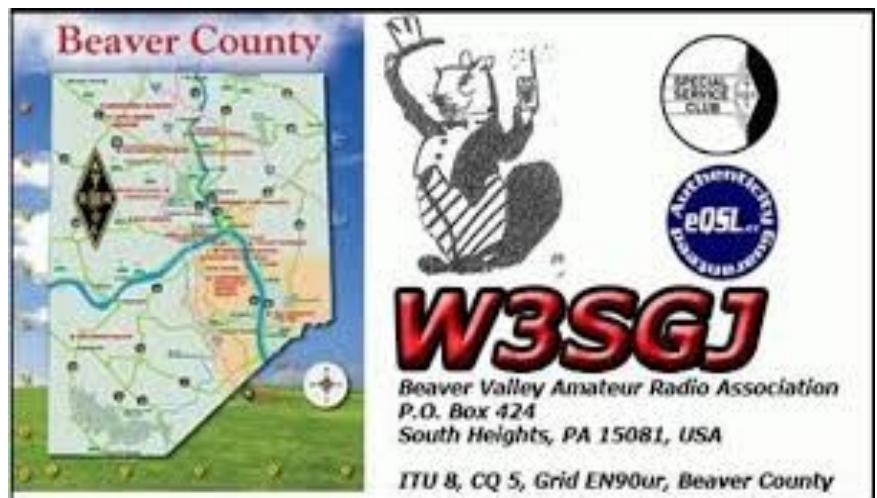
Feb 10

Mar 10

Apr 14

May 12

Jun 09



# This Month

## *This Month:*

### *Speaker:*

Rich Soltesz  
K3SOM

### *Topic:*

RF Exposure Calculator for the New FCC Rules

### *Including:*

Continuing with our BVARA Presentation Series this year, our topic this month deals with changes by the FCC to the RF Exposure limits that operating a transmitter produces. This RF energy could cause excessive radiation to people in the near-field vicinity of your antenna. These rule changes went into effect on May 3<sup>rd</sup>, 2021 and could possibly mandate changes that must be made by you to protect people near your antenna location. Operating frequency, mode of operation, transmit duty cycle, and effective radiated power (ERP) are the primary variables that must be considered.

In the September 2021 issue of *QST Magazine*, an article by Ed Hare, W1RFI explains the details of the FCC rule changes. Ed is the ARRL Laboratory Manager and author of the book, *RF Exposure and You*. The book provides detailed information to go further into the topic.

What can be done to comply with these rule changes? The ARRL has made available an *RF Exposure Calculator* to help you to do your unique evaluation. By entering the primary variables listed above, the calculator will display the minimum compliance distance from your antenna at which your operating parameters meet the FCC's limits.

But wait, there's more! You need to repeat the calculation for each band on which you operate. If you can use one antenna or the other on a particular band, you must compute each antenna. Whether you are a beginner or a veteran ham, you are required to go through this process and retain your evaluation should you be requested to produce it by the FCC. We will run the calculator on several examples to help explain how to use the ARRL's *Exposure Calculator*.

### *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!**



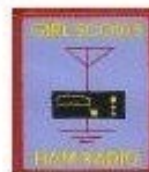
The BVARA meets every Thursday at the Freedom Square Diner in Center Township, just to the right of the Cinemark Center Township Marketplace at 09:30 AM. All radio amateurs and those interested in amateur radio are encouraged to come join us at our Thursday morning breakfast.

**See you  
Thursday at**



### 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.



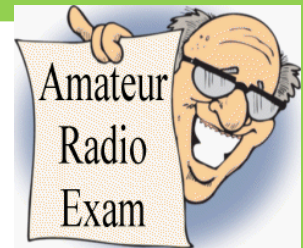
ALL candidates MUST bring ALL of the following:

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 :



### August 2021 VE Test Session Results:

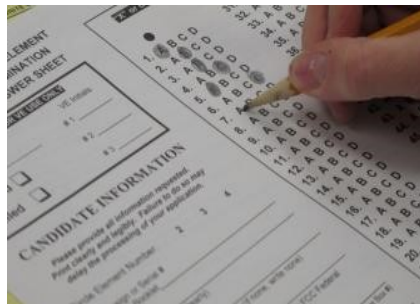
We didn't hold a VE Test Session, we were all at the Club Corn Roast.

We will hold a normal test session prior to the September 9, 2021 Club meeting.

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

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



**Radio, Computer, Electronics**

## **SwapFest**

**Sunday, September 12, 2021  
8 A.M. to 3 P.M.**



***Buy a ticket, and open your trunk!***

*Gate donation of \$5.00 per person. No additional charge for sellers.*

**Unionville Fire Department  
102 Mahood Road, Butler, PA 16001  
(Along PA Route 8, 4 miles north of US 422)**

*In case of inclement weather, the SwapFest will be held indoors at the fire hall,  
and parking will be available on the asphalt.*

**40° 56' 19" N, 79° 57' 34" W**

**No firearm sales! No alcoholic beverages permitted in SwapFest area!**

**FCC Amateur Radio Exams**

**PRIZES**

**(To be announced at a later date.)**

*Winner need not be present to win.*

**50/50 Raffles**

Prize tickets are available at the club's table.

Talk in W3UDX 147.36/96

Web Site: W3UDX.ORG

**Breakfast and lunch available.**

*(No individual food sales permitted.)*

Information : Joe Sciulli, N3WHJoe@gmail.com 412-337-1687

Sponsored by : Butler County Amateur Radio Association , Inc.

# Bits and Pieces

Hello all,

This month has been so busy for the Club. You are invited to come share in the excitement and fun we have at Club Events, anytime! Come, enjoy in ham radio related events with us.

We had a wonderful Corn Roast in August. We had over thirty people show up for the event! There was such fun in the air. There was so much talking going on... everyone had a great time. The food was wonderful too. A huge thank you goes out to everyone that helped make this such a great BVARA picnic.

The “Darlington Days” gave us an opportunity to show the general public what Ham Radio is like. We set up radios at the Gazebo, put up a banner and invited everyone to give amateur radio a try. The event was attended by our State Representative, Jim Marshall. Representative Marshall recognizes the importance of amateur radio in times of local emergency as well as national emergencies. He is a constant friend of amateur radio efforts. This was demonstrated in his support of amending a Pennsylvania law last Spring that would have severely hindered use of amateur radios in mobile operations .

We will soon be setting up a POTA station in Erie Pennsylvania (Parks On The Air). It had been conversed-over to take place in the month of August but it was tabled till September. Stand-by for details. You can be a part of this Club Event. Come to the next Club Meeting and get involved.

If there is some activity you would like to sponsor as a Club Event, please bring it up at a Club Meeting and let's have some fun!

Our normal monthly VE testing will resume this month. I can't wait to share with you the newly licensed amateurs for the month of September.

Well, this does it for another month. Talk to you next month...

73 KC3BXC clear, but I will be monitoring.



# It's Your Dime

## 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](mailto:kc3bxc.73@gmail.com)



## Anything new out there?

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



# Of Interest to All

## **The EZNEC Software Program Will Soon become a Public Domain Program**

Roy Lewallen, W7EL has announced his retirement and has chosen the future of his world-famous software modeling programs, EZNEC, EZNEC+ and EZNEC Pro. His full announcement can be found at:

<https://eznec.com/retirement.htm>

Here is the beginning of his announcement:

“On January 1, 2022 I will be retiring. I'll be nearly 76 and want to spend more time at other things. EZNEC is and always has been developed, sold, and supported only by me, so all development, sales, and support will end at that time. For several reasons there is no practical way to sell or transfer ownership to someone else, so here's what will happen *on that date*:

- EZNEC will be released to the public domain and become free of cost and can be freely copied and distributed. I do not plan to release the source code.”
- *Click the link below for more information about the source code.*

[https://eznec.com/source\\_code.htm](https://eznec.com/source_code.htm)

More detailed information can be found on the two URL Links above. If you've always wanted to really use EZNEC, but didn't want to risk purchasing it for your own personal reasons, this is an incredible opportunity to 'up your game' when it comes to understanding so much more about antennas. Files containing printable EZNEC Manuals are also available in both PDF and Microsoft Word formats. The Manual contains 225 pages!

Rich, K3SOM



# Of Interest to All

## Darlington Days with BVARA Participation

On Saturday, August 28<sup>th</sup>, 2021 club members from the BVARA set up both HF and VHF communications during Darlington Days at their Gazebo. The purpose of our presence was to promote amateur radio and many of its benefits that

our hobby offers to the community. We particularly enjoyed having youthful participants step up and communicate over amateur radio to various other hams. Contacts were made to over a dozen hams throughout the Eastern USA on 40 and 20 meters with an IC-7300 and a slanted long-wire antenna up to a 50-foot tree from the Gazebo. On VHF, a Kenwood mobile rig running 25 watts to a WA3BKD J-Pole antenna worked very well through our repeater.

A special thanks goes out to Tim Ramsey, K2EA in Dougherty Township for being on the other end of the conversation with interesting comments and questions to the youngest 4-year old to several Civil Air Patrol teens with interesting questions about aircraft, propulsion, and other aspects of their CAP avocation. State Representative, Jim Marshall stopped by to renew his friendship with our BVARA members. Darlington Days Chairwoman, Sally was particularly helpful in supporting us and even stopped by to do a live *Facebook* interview with us.

Club participants included Doug, N4YKQ; Jim, KC3IXE; Doug, K3GTX; Dan, KB3VSP, Bob, N3AZZ; Bob, W3BBO; Tom, N3XC; Tim, KA3JRT; and Rich, K3SOM. Despite the heat and humidity, club members displayed a special camaraderie as shown by a friendly welcome and good conversations with all who visited the Gazebo. The club will probably be asked to participate again next year.



# Of Interest to All

## Silent Key Announcement:

Thomas F. Peluso, KF3V from New Brighton, PA died on July 19th, 2021 after a long illness. Thom lived his entire life in Beaver County, PA. He never married, but is survived by two sisters. Both of his parents have passed away.



In 1977, Thom obtained his first amateur radio license and quickly rose through the ranks of the hobby to obtain his Extra Class license and various Commercial licenses. Thom was 65 years old and a long-time club member of both the Beaver Valley Amateur Radio Association (BVARA) and the Triple "A" Amateur Radio Association, Inc. Over the years, Thom held elected positions within both Beaver County amateur radio organizations. He was also a Life Member of both the ARRL and AMSAT national organizations.

Thom lead a full life. In his own words: "I worked in R&D electronics for Westinghouse and then Eaton Corporations at their Development and Tech Centers. Besides my work in design and development, I was also a technical writer and managed the EMC lab there. My specialty is electro-magnetic compliance. That long career was interrupted recently by a major health issue."

"(His) resume is also littered with teaching Con-Ed classes at the Beaver County Community College... photography...electronic sales and service... computer sales and service... musician... chef... laborer... fast food fry cook... stock boy.... delivery guy... paperboy and Kool Aid stand owner/operator."

Thom approached his activities with intensity. His amateur radio awards included WAZ, WAS, DXCC (*over 300 worked*), 5BWAS, 5BDXCC, and the 1982 recipient of the George L. Boardman Memorial AMATEUR OF THE YEAR award.

His many friends over the years have only one wish: May he rest in peace.

73, OM.  
Dit-Dit-Dit Da-Dit-Da.



# Radio Sport

Bruce Draper, AA5B, aa5b.corral@gmail.com

## Contest Corral

## September 2021

Check for updates and a downloadable PDF version online at [www.arrl.org/contest-calendar](http://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 Date-Time	Finish Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1 1700	1 2000	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	<a href="http://ft8activity.eu/index.php/en">ft8activity.eu/index.php/en</a>
1 2000	1 2100	3.5	UKEICC 80-Meter Contest	Ph	6-char grid square	<a href="http://ukeicc.com/80m-rules.php">ukeicc.com/80m-rules.php</a>
1 2300	3 2300	3.5-28	G3ZQS Memorial Straight Key Contest	CW	RST, SPC, name, mbr or power	<a href="http://fistsna.org/operating.html">fistsna.org/operating.html</a>
2 1700	2 2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	<a href="http://nrrlcontest.no">nrrlcontest.no</a>
2 1900	2 2100	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
4 0000	4 0359	1.8-28	CWOp CW Open	CW	Serial, name	<a href="http://cwops.org">cwops.org</a>
4 0000	4 2359	3.5-28	Russian RTTY WW Contest	Dig	RST, 2-letter RU oblast or CQ zone	<a href="http://qrz.ru/contest/detail/93">qrz.ru/contest/detail/93</a>
4 0000	5 2359	3.5-28	All Asian DX Contest, Phone	Ph	RS, 2-digit age	<a href="http://www.jarl.org/English">www.jarl.org/English</a>
4 0600	4 0800	7, 14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	<a href="http://qrp.ru/contest/wakeup">qrp.ru/contest/wakeup</a>
4 1200	4 1559	1.8-28	CWOp CW Open	CW	Serial, name	<a href="http://cwops.org">cwops.org</a>
4 1300	4 1330	144	Two-Meter Classic Sprint	CW Ph	Serial, 4-char grid square	<a href="http://fwrc.info">fwrc.info</a>
4 1300	4 1600	7	AGCW Straight Key Party	CW	RST, serial, class, name, age	<a href="http://alt.agcw.de/index.php/en">alt.agcw.de/index.php/en</a>
4 1300	5 0400	All	Colorado QSO Party	CW Ph Dig	Name, CO county or SPC	<a href="http://ppraa.org/coqp">ppraa.org/coqp</a>
4 1300	5 1259	1.8-28	IARU Region 1 Field Day, SSB	Ph	RST, serial	<a href="http://darc.de/der-club/referate/conteste">darc.de/der-club/referate/conteste</a>
4 1300	5 1300	3.5-28	RSGB SSB Field Day	Ph	RS, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
4 1400	5 1400	145	IARU Region 1 145 MHz Contest	CW Ph Dig	RS(T), serial, 6-char grid	<a href="http://www.iaru-r1.org">www.iaru-r1.org</a>
4 2000	4 2359	1.8-28	CWOp CW Open	CW	Serial, name	<a href="http://cwops.org">cwops.org</a>
4 2000	5 2000	3.5	PODXS 070 Club Jay Hudak Memorial	Dig	RST, SPC	<a href="http://www.podxs070.com">www.podxs070.com</a>
5 1000	5 1400	144	WAB 144 MHz QRO Phone	Ph	RS, serial, WAB square or country	<a href="http://wab.internip.net">wab.internip.net</a>
5 1800	6 0300	All	Tennessee QSO Party	CW Ph Dig	RS(T), TN county or SPC	<a href="http://tnqp.org/rules">tnqp.org/rules</a>
6 1900	6 2030	3.5	RSGB 80-Meter Autumn Series, SSB	Ph	RS, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
6 2300	7 0300	1.8-50	MI QRP Labor Day CW Sprint	CW	RST, SPC, mbr or power	<a href="http://www.miqr.net/contest">www.miqr.net/contest</a>
7 0100	7 0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	<a href="http://arsqr.blogspot.com">arsqr.blogspot.com</a>
8 1700	8 2000	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	<a href="http://ft8activity.eu/index.php/en">ft8activity.eu/index.php/en</a>
11 0000	11 2359	1.8-VHF	FOC QSO Party	CW	RST, name, mbr (if any)	<a href="http://g4foc.org/qso-party">g4foc.org/qso-party</a>
11 0000	12 2359	3.5-28	WAE DX Contest, SSB	Ph	RS, serial	<a href="http://darc.de/der-club/referate/conteste">darc.de/der-club/referate/conteste</a>
11 0800	12 0600	1.8-28	SARL Field Day Contest	CW Ph Dig	RS(T), # of rigs, category, province	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
11 0900	12 1400	7	YB7-DX Contest	Ph	RS, serial	<a href="http://yb7dxc.com/rule">yb7dxc.com/rule</a>
11 1200	12 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
11 1400	11 2200	3.5-28	Ohio State Parks on the Air	Ph	OH park abbreviation or SPC	<a href="http://ospota.org">ospota.org</a>
11 1500	12 0300	3.5-28	Alabama QSO Party	CW Ph	RS(T), AL county or SPC	<a href="http://www.alabamagsoparty.org">www.alabamagsoparty.org</a>
11 1500	12 0959	3.5-28	Russian Cup Digital Contest	Dig	Serial, 4-char grid square	<a href="http://qrz.ru/contest/detail/86.html">qrz.ru/contest/detail/86.html</a>
11 1800	13 0300	50 and up	ARRL September VHF Contest	CW Ph Dig	4-char grid square	<a href="http://www.arrl.org/september-vhf">www.arrl.org/september-vhf</a>
12 0000	12 0400	3.5-14	North American Sprint, CW	CW	Other's call, your call, serial, name, SPC	<a href="http://ncjweb.com">ncjweb.com</a>
13 0000	13 0200	1.8-28	4 States QRP Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	<a href="http://www.4sqr.com">www.4sqr.com</a>
15 1900	15 2030	3.5	RSGB 80-Meter Autumn Series, CW	CW	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
16 0030	16 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	<a href="http://naqcc.info">naqcc.info</a>
16 1800	16 1959	3.5	BCC QSO Party	CW Ph Dig	RS(T), T-shirt size	<a href="http://bavarian-contest-club.de/contest">bavarian-contest-club.de/contest</a>
17 2100	17 2359	3.5	AGB NEMIGA Contest	CW Ph Dig	RST, serial, mbr (if any)	<a href="http://www.ev5agb.com">www.ev5agb.com</a>
18 0000	19 2359	All	Collegiate QSO Party	CW Ph Dig	School name, RS(T), op class	<a href="http://collegiateqso-party.com">collegiateqso-party.com</a>
18 0500	19 1100	50-1296	SARL VHF/UHF Digital Contest	Dig	RST, 6-char grid locator	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
18 0600	19 2359	10 GHz to light	ARRL 10 GHz and Up Contest	CW Ph Dig	6-char grid	<a href="http://www.arrl.org/10-ghz-up">www.arrl.org/10-ghz-up</a>
18 1200	19 1200	3.5-28	Scandinavian Activity Contest, CW	CW	RST, serial	<a href="http://www.sactest.net">www.sactest.net</a>
18 1400	19 0200	All	Iowa QSO Party	CW Ph Dig	RS(T), IA county or SPC	<a href="http://www.w0yl.com/IAQP">www.w0yl.com/IAQP</a>
18 1400	19 2000	All	Texas QSO Party	CW Ph Dig	RS(T), TX county or SPC	<a href="http://www.txqp.net">www.txqp.net</a>
18 1500	18 2100	1.8-28	QRP Afield	CW Ph Dig	RS(T), SPC, power or mbr	<a href="http://newenglandqrp.org">newenglandqrp.org</a>
18 1600	18 2300	3.5-144	Wisconsin Parks on the Air	CW Ph	WI park abbreviation or SPC	<a href="http://wipota.com">wipota.com</a>
18 1600	19 0359	3.5-28	New Jersey QSO Party	CW Ph Dig	RS(T), NJ county or SPC	<a href="http://k2td-bcrg.org/njqsp">k2td-bcrg.org/njqsp</a>
18 1600	19 2200	All	New Hampshire QSO Party	CW Ph Dig	RS(T), NH county or SPC	<a href="http://www.w1wqm.org/nhqsop">www.w1wqm.org/nhqsop</a>
18 1600	19 2359	1.8-144	Washington State Salmon Run	CW Ph Dig	RS(T), WA county or SPC	<a href="http://salmonrun.wxdc.org">salmonrun.wxdc.org</a>
18 1800	18 1959	1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	<a href="http://sites.google.com/site/feldhellclub">sites.google.com/site/feldhellclub</a>
19 0000	19 0400	3.5-14	North American Sprint, RTTY	Dig	Other's call, your call, serial, name, SPC	<a href="http://ncjweb.com">ncjweb.com</a>
19 1700	19 2059	3.5-28	BARTG Sprint PSK63 Contest	Dig	Serial	<a href="http://bartg.org.uk/wp">bartg.org.uk/wp</a>
19 2300	20 0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	<a href="http://qrpcontest.com/pigrun">qrpcontest.com/pigrun</a>
20 1900	20 2300	144	144 MHz Fall Sprint	CW Ph Dig	4-char grid square	<a href="http://svhfs.org">svhfs.org</a>
22 0000	22 0200	1.8-50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
23 1900	23 2030	3.5	RSGB 80-Meter Autumn Series, Data	Dig	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
25 0000	26 2359	3.5-28	CQ Worldwide DX Contest, RTTY	Dig	RST, CQ zone (+ state/prov for US/VE)	<a href="http://www.cqwwrtty.com">www.cqwwrtty.com</a>
25 1200	26 1200	1.8-28	Maine QSO Party	CW Ph	RS(T), ME county or SPC	<a href="http://ws1sm.com/MEQP.html">ws1sm.com/MEQP.html</a>
25 1400	25 1800	144, 432	AGCW VHF/UHF Contest	CW	RST, serial, power, 6-char grid	<a href="http://agcw.de/contest/vhf-uhf">agcw.de/contest/vhf-uhf</a>
25 1400	25 2200	3.5-28	Masonic Lodges on the Air	Ph	Lodge name/number/jurisdiction	<a href="http://cqmorelight.com/rules">cqmorelight.com/rules</a>
27 1900	27 2030	3.5-14	RSGB FT4 Contest Series	Dig	4-char grid square	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
28 1900	28 2300	222	222 MHz Fall Sprint	CW Ph Dig	4-char grid square	<a href="http://svhfs.org">svhfs.org</a>
29 2000	29 2100	3.5	UKEICC 80-Meter Contest	CW	6-char grid square	<a href="http://ukeicc.com/80m-rules.php">ukeicc.com/80m-rules.php</a>