



MEGAHERTZ TIMES



February 2020

W3AI

PO Box 336, Perkasio, PA 18944

R F Hill Amateur Radio Club 2020

President: KC3HHK,
Jeff Lapin

Vice Pres.: KB3EWV,
John Morell

Secretary: WA3YLQ,
Jim Soete

Treasurer: KC3LXV,
Jim Reed

News Editor: W3WTT, Bill Tribley
bill@tribley.org

CLUB INFORMATION

Mailing address:
PO Box 336, Perkasio, PA 18944

Club Repeaters: 145.31 MHz; input
144.71 MHz PL 131.8 (2 meters)
444.75 MHz, input 449.75 MHz PL
103.5 (70 cm)

Meetings: The club meets at 7:30
PM on the last Thursday
of the Month

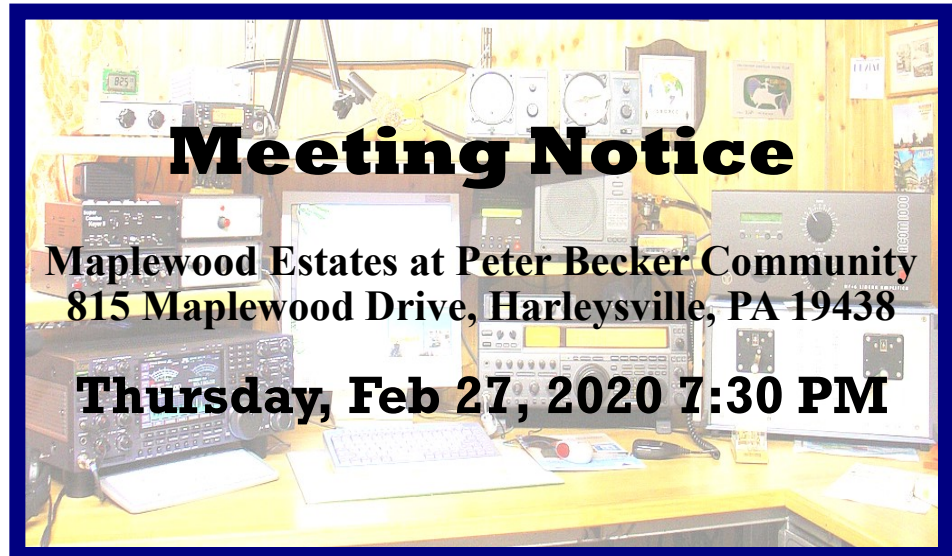
Web page: <http://www.rfhillarc.club>

Email: rfhillarc@yahoo.com

The MHz Times is the official publication of the R F Hill Amateur Radio Club, Inc. Articles for submission may be made to the editor. Material may not be reprinted without the express permission of the R F Hill ARC. The R F Hill ARC nor its officers warrant any items listed for sale or trade. The editor reserves the right not to print any material which may be offensive or illegal.

All articles and pictures are copyrighted material. ©2020

DEADLINE for article submission is 10 days before the meeting!
Send to rfhillarc@yahoo.com



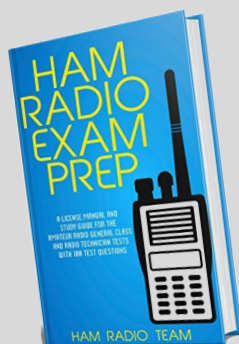
February Program

How to Talk Like an Old Timer

Dan, WA3NFV, a true "old timer", is going to offer some tips to the new guys on frequency. Come and experience the "lingo" that many of us have used for years and years!
See you at the Meeting!



VE TESTING



VE testing for Technician,
General and Extra Class licenses
is held regularly at the Indian
Valley Public Library in Telford:

100 E Church Ave.
Telford, PA 18969



The next exam will be

March 16, 2020

Session starts at 6:30 pm sharp

Bring license or CSCE originals
and copies if upgrading,
2 forms of ID (one photo) for new licenses.

To pre-register or for more information

Contact Jim Soete, WA3YLQ
215-723-7294 eves./weekends.
wa3ylq@arrl.net

The fee is \$15.00

Pre-registration is appreciated.

VE's are always welcome to help with testing.



Traffic Nets

SEPPTN traffic nets are on Sundays & Wednesdays at 8:00 PM local time at 145.310 MHz (-600). These nets are for anyone who would like to learn how to handle traffic as well as an on the air meeting place for members and future members.

RF Hill A-R-C Ten Meter AM Net: 29.005MHz on Sunday evening immediately following the SEPPTN

Net Control Stations

23-Feb, 26-Feb	KB3DEN	5-Apr, 8-Apr	W3WTT
1-Mar, 4-Mar	WA3YLQ		
8-Mar, 11-Mar	W3WTT		
15-Mar, 18-Mar	KS3Z		
22-Mar, 25-Mar	KB3DEN		
29-Mar, 1-Apr	WA3YLQ		

Any questions or conflicts, please let me know. If at the last minute, the assigned net control station doesn't show-up, any net control station on frequency should run the net.

Thanks to everyone for your continued support.
Jim – KB3DEN KB3DEN@aol.com

AREA NET LISTINGS

SEPPTN Southeastern PA Practice & Traffic Net	Su/W	8 PM	145.31-
EPAETN - EPA Emergency Phone/Traffic Net	Daily	6 PM	3.917 +/-
Pennsylvania Traffic Net (CW)	Daily	7,10 PM	3.585
Third Region Net	Daily	4 PM	7.243 (3.917 -alt)
Eastern Area Net (EAN)	Daily	2:30 PM	7.243
Bucks County ARES	W	9 PM	147.090+
Montgomery County ARES	Th	7 PM	146.835- (pl 88.5)
EPA echo link traffic net (EAETN) Echolink AA3RG-R	Th	8 PM	146.640- (pl 82.5)



Find us on Facebook and Twitter

Join the conversation.

Follow us today!

<http://facebook.com/rfhillarc>

<http://twitter.com/W3AI>



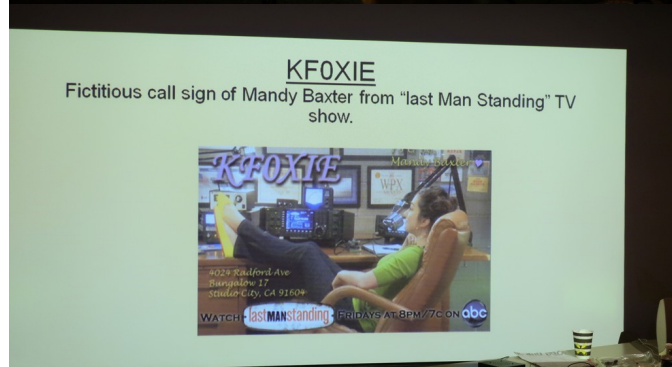
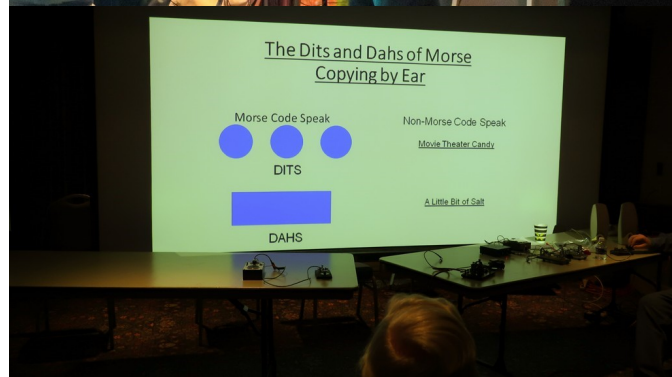
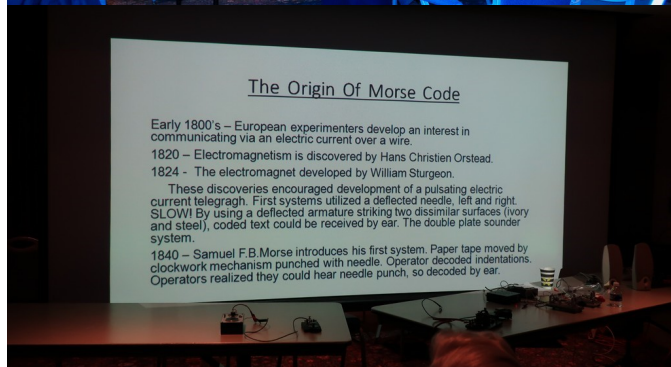
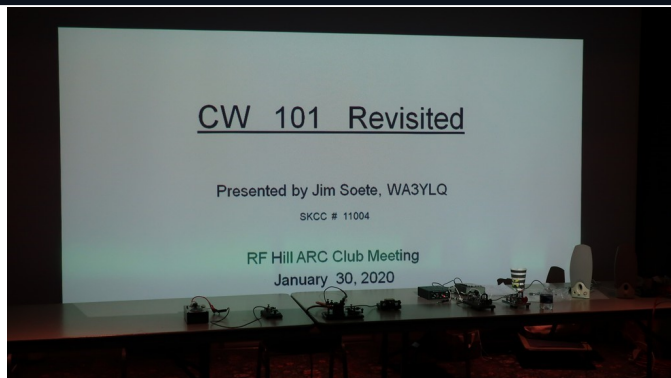
January Meeting Photos



More January Meeting Photos

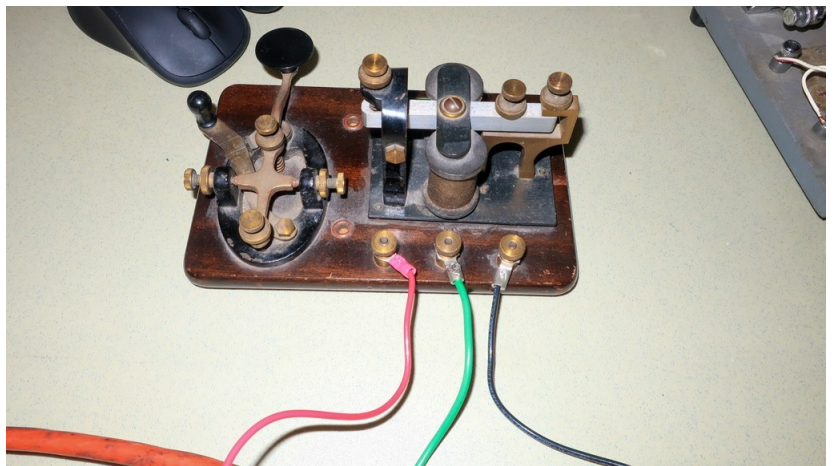
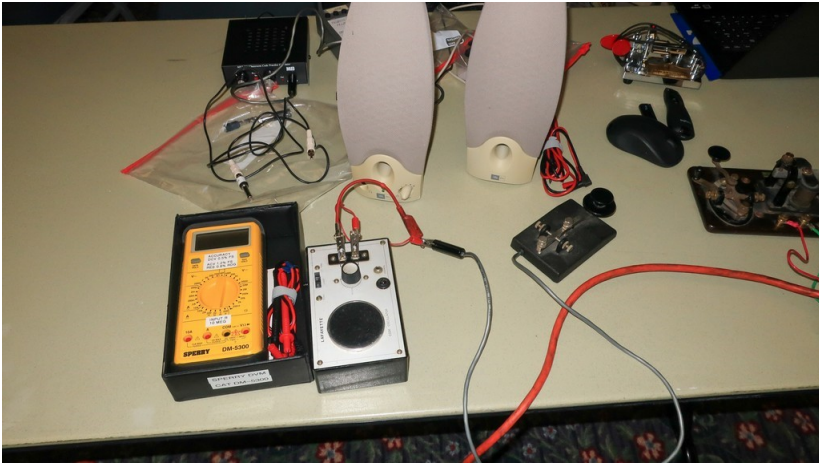


January Meeting Program



Equipment on the next page —>

Morse Code Gear



All photos courtesy Joe Rauchut, N3CRP

RF Hill ARC Meeting Minutes for January 30, 2020

Welcome/Call to Order/Pledge to the Flag – Jeff Lapin, KC3HHK, President

Roll Call 28 ARO's and 1 guest in attendance

Officer Reports

President KC3HHK welcomed all and reminded group that 2020 elections would be held this evening. He introduced Vincent Sasso, KC3OTZ, to the group. Vincent passed his Technician Class exam at our January VEC Session, Vincent gave a brief explanation as to the origin of his interest in ham radio and how he heard about the Club.

Secretary WA3YLQ reported that the January Club Minutes were published in this month's MHz Times. A motion to accept the Minutes as published was made by KW3P, seconded by KB3EWV, Motion carried. A second reading of the member application of Paul Fort, KC3OGE was offered. A motion to accept Paul's application was made by N3RSG, seconded by W2PDN. Motion carried....welcome Paul! A second reading of the member application of Robert "Griff" Griffiths was offered. A motion to accept Griff's application was made by NI2Q, seconded by W3CQC. Motion carried, welcome Griff! WA3YLQ reported that George Miller, W3GWM, SEC of EPA, will make a presentation at the Club's May meeting. This will be the first visit of an ARRL official to an RF Hill meeting in quite a few years.

Treasurer No report, the Club records are undergoing the annual audit by the committee.

Committee Reports

Ve Report published in MHz Times. Congratulation KC3OGE for passing his General Class exam at the January VE session.

Repeater No report.

Hamfest the 2020 date is October 18th. The Flyer has been printed and will be distributed. ARRL application will be filed. Jim Soete, WA3YLQ, announced that this would be his last year as Hamfest Chairperson. He is looking for someone to work with him this year and take over Chairmanship in 2021. Jim will be available to assist the new Chairman in 2021.

Auction the Auction will be WEDNESDAY, April 29th, at the Sellersville Fire House. The Flyer has been printed and will be distributed. NOTE the Wednesday date.

Field Day No report. Field Day is the FOURTH FULL WEEKEND OF JUNE. This year's dates, June 26-28th.

Public Events no report

NETs Jim, KB3DEN, reported that in December, SEPPATN had 89 check-ins in 9 sessions, and 3 pieces of traffic were handled. Dan, WA3NFV, reported that the Sunday evening 10 meter net continues to be active. An average of 9 stations check in each session. The NCS varies among several stations. Dan also reported that the NPARC Tuesday night 10 meter SSB Net has many RF Hill members checking in. Over 20 check-ins have occurred over past weeks.

MHz Times no report

Continued on the next page —>

Meeting Minutes for January 30, 2020 Continued

Old Business President Jeff Lapin asked for the report of the Nominating Committee concerning candidates for the 2020 election. Charles, KS3Z, reported the following members as nominees. President: Jeff Lapin, KC3HHK; Vice-President: John Morrell, KB3EWV; Secretary: James Soete, WA3YLQ; Treasurer: James Reed, KC3LXV. Jeff thanked the Committee for their report. Jeff asked if there were any nominations from the floor. Being no additional nominees, a motion to close nominations was made from the floor and seconded. Motion carried. The President directed the Club Secretary to enter a vote for each nominee into the record. The nominees, as presented, were elected to office. Congratulations all.

New Business None.

Adjournment Being no further business, by an informal vote from the floor, the meeting was adjourned.

Program: Gene, W2BXR did an informal presentation on QSL cards and his experience QSLing stations he had worked. Thanks Gene. Wa3YLQ, assisted by NE3I, presented a program on the origins of Morse Code and Morse code today. Thankyou gentlemen.

Board Caucus: After the general membership meeting, the Board caucused to discuss Club banking procedures for the coming year. It was decided that the following members will be authorized to issue checks from the Club's checking account. Treasurer: James Reed, Jeff Lapin, James Soete and Charles Schmell. These members will also have access to the Club's safe deposit box. Jim Reed will arrange a meeting with the Banks representative.

Respectfully Submitted:

Jim Soete, WA3YLQ, Secretary
RF Hill ARC

Special Announcement

From George Knodel, AC2NX on 5 February

Bill:

As I explained on the W3AI net the other evening, we will be liquidating the amateur radio equipment for the widow of a recent silent key, WA2BZF, Jim Pitts, at Cherryville Repeater Association's Ham-Fest this coming March 14, 2020, to be held at North Hunterdon High School in Clinton NJ. Go to <https://www.qsl.net/w2cra/> on the internet and click on the link labeled Hamfest for times, directions, and other pertinent information.

Thanks for offering to post this for us. G.

Inventory of WA2BZF's Gear (SK)

In shack (finished room over attached garage):

(low mileage, hardly, if ever used)

- BTECH UV-50X2 2m/70cm 50W transceiver
- Yaesu FT-2900 2m 75W transceiver
- Yaesu FP-1023 23 ampere switching power supply
- ICom SP-10 4 ohm, 5W external speaker
- unmarked 2m/70cm mag-mount whip antenna
- Yaesu FT-450D HF/6m 100W transceiver
- Yaesu MD-100 mic w/desk stand
- Astron RS-35A power supply
- LDG YT-450 HF/6m 1W – 100W automatic antenna tuner, 2000 preset memories
- Truline M# 43, 50 ohm, 100W, 2-30MHz directional watt meter
- Mini-load 52 ohm, 500W pep paint can dummy load
- Radio Shack headphones
- AUVIO headphones
- unmarked (economy grade) straight key

Outside and in truck in garage:

- Comet CHA-250BX 6m–80m multi-band 200W vertical antenna w/ xfmr
- Unmarked 10m? 15m? vertical antenna w/ short radials
- Yaesu FT-7900R 2m mobile transceiver
- MFJ 1412 2m/70cm 200W mobile antenna w/clamp-on mount

Gathered and spread out on dining room table:

- 5 ea. Vibroplex bugs – various condition
- Vibroplex Vibrokeyer Deluxe single paddle, dual contact keyer
- DJG-K4 straight key
- Miscellaneous old HTs and other

FEBRUARY CONTESTS

Vermont QSO Party	0000Z, Feb 1 to 2400Z, Feb 2	AGCW Semi-Automatic Key Evening	0300Z-0400Z, Feb 20
10-10 Int. Winter Contest, SSB	0001Z, Feb 1 to 2359Z, Feb 2	NCCC RTTY Sprint	1900Z-2030Z, Feb 19
F9AA Cup, CW	1200Z, Feb 1 to 1200Z, Feb 2	QRP Fox Hunt	0145Z-0215Z, Feb 21
Black Sea Cup International	1200Z, Feb 1 to 1159Z, Feb 2	NCCC Sprint	0200Z-0330Z, Feb 21
Mexico RTTY International Contest	1200Z, Feb 1 to 2359Z, Feb 2	CQ 160-Meter Contest, SSB	0230Z-0300Z, Feb 21
FYBO Winter QRP Sprint	1400Z-2400Z, Feb 1	REF Contest, SSB	2200Z, Feb 21 to 2200Z, Feb 23
Minnesota QSO Party	1400Z-2400Z, Feb 1	UK/EI DX Contest, CW	0600Z, Feb 22 to 1800Z, Feb 23
British Columbia QSO Party and	1600Z, Feb 1 to 0359Z, Feb 2	SARL Digital Contest	1200Z, Feb 22 to 1200Z, Feb 23
		High Speed Club CW Contest	1400Z-1700Z, Feb 23
		QCX Challenge	1500Z-1700Z, Feb 23
AGCW Straight Key Party	1600Z-2359Z, Feb 2		1300Z-1400Z, Feb 24 and
FISTS Winter Slow Speed Sprint	1600Z-1900Z, Feb 1		1900Z-2000Z, Feb 24 and
North American Sprint, CW	1700Z-2100Z, Feb 1		0300Z-0400Z, Feb 25
RSGB 80m Club Championship, SSB	0000Z-0400Z, Feb 2	SKCC Sprint	0000Z-0200Z, Feb 26
ARS Spartan Sprint	2000Z-2130Z, Feb 3	QRP Fox Hunt	0200Z-0330Z, Feb 26
QRP Fox Hunt	0200Z-0400Z, Feb 4	Phone Fray	0230Z-0300Z, Feb 26
Phone Fray	0200Z-0330Z, Feb 5	CWops Mini-CWT Test	1300Z-1400Z, Feb 26 and
CWops Mini-CWT Test	0230Z-0300Z, Feb 5		1900Z-2000Z, Feb 26 and
	1300Z-1400Z, Feb 5 and		0300Z-0400Z, Feb 27
	1900Z-2000Z, Feb 5 and		2000Z-2100Z, Feb 26
	0300Z-0400Z, Feb 6	UKEICC 80m Contest	2000Z-2130Z, Feb 27
UKEICC 80m Contest	2000Z-2100Z, Feb 5	RSGB 80m Club Championship, CW	0145Z-0215Z, Feb 28
NRAU 10m Activity Contest	1800Z-1900Z, Feb 6 (CW) and	NCCC RTTY Sprint	0200Z-0330Z, Feb 28
	1900Z-2000Z, Feb 6 (SSB) and	QRP Fox Hunt	0230Z-0300Z, Feb 28
	2000Z-2100Z, Feb 6 (FM) and	NCCC Sprint	1200Z, Feb 29 to 1159Z, Mar 1
	2100Z-2200Z, Feb 6 (Dig)	Russian WW MultiMode Contest	1300Z, Feb 29 to 1300Z, Mar 1
SKCC Sprint Europe	2000Z-2200Z, Feb 6	UBA DX Contest, CW	1500Z, Feb 29 to 0159Z, Mar 1
NCCC RTTY Sprint	0145Z-0215Z, Feb 7	South Carolina QSO Party	1800Z, Feb 29 to 0559Z, Mar 1
QRP Fox Hunt	0200Z-0330Z, Feb 7	NA Collegiate Championship, RTTY	1800Z, Feb 29 to 0559Z, Mar 1
NCCC Sprint	0230Z-0300Z, Feb 7	North American QSO Party, RTTY	
CQ WW RTTY WPX Contest	0000Z, Feb 8 to 2359Z, Feb 9		
SARL Field Day Contest	1000Z, Feb 8 to 1000Z, Feb 9		
Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 8		
Dutch PACC Contest	1200Z, Feb 8 to 1200Z, Feb 9		
SKCC Weekend Sprintathon	1200Z, Feb 8 to 2400Z, Feb 9		
KCJ Topband Contest	1200Z, Feb 8 to 1200Z, Feb 9		
YLRL YL-OM Contest	1400Z, Feb 8 to 0200Z, Feb 10		
OMISS QSO Party	1500Z, Feb 8 to 1500Z, Feb 9		
FISTS Winter Unlimited Sprint	1700Z-2100Z, Feb 8		
RSGB 1.8 MHz Contest	1900Z-2300Z, Feb 8		
Balkan HF Contest	1300Z-1700Z, Feb 9		
Classic Exchange, Phone and	1400Z, Feb 9 to 0800Z, Feb 10		
	1400Z, Feb 11 to 0800Z, Feb 12		
CQC Winter QSO Party	0100Z-0259Z, Feb 10		
4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Feb 10		
ARRL School Club Roundup	1300Z, Feb 10 to 2359Z, Feb 14		
NAQCC CW Sprint	0130Z-0330Z, Feb 12		
QRP Fox Hunt	0200Z-0330Z, Feb 12		
Phone Fray	0230Z-0300Z, Feb 12		
CWops Mini-CWT Test	1300Z-1400Z, Feb 12 and		
	1900Z-2000Z, Feb 12 and		
	0300Z-0400Z, Feb 13		
RSGB 80m Club Championship, Data	2000Z-2130Z, Feb 12		
PODXS 070 Club Valentine Sprint	0000Z-2359Z, Feb 14		
NCCC RTTY Sprint	0145Z-0215Z, Feb 14		
QRP Fox Hunt	0200Z-0330Z, Feb 14		
NCCC Sprint	0230Z-0300Z, Feb 14		
ARRL Inter. DX Contest, CW	0000Z, Feb 15 to 2400Z, Feb 16		
Russian PSK WW Contest	1200Z, Feb 15 to 1159Z, Feb 16		
Feld Hell Sprint	1900Z-2059Z, Feb 15		
AWA Amplitude Modulation QSO Party	2300Z, Feb 15 to 2300Z, Feb 16		
Run for the Bacon QRP Contest	0200Z-0400Z, Feb 17		
QRP Fox Hunt	0200Z-0330Z, Feb 19		
Phone Fray	0230Z-0300Z, Feb 19		
CWops Mini-CWT Test	1300Z-1400Z, Feb 19 and		
	1900Z-2000Z, Feb 19 and		

Calendar content © Bruce Horn, WA7BNM 1998-2019
Used by permission.
www.hornucopia.com/contestcal/contestcal.html

MARCH CONTESTS

NSARA Contest	1200Z-1600Z, Mar 1 and 1800Z-2200Z, Mar 1	UBA Spring Contest, 2m	0700Z-1100Z, Mar 15
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 1	Wisconsin QSO Party	1800Z, Mar 15 to 0100Z, Mar 16
North Carolina QSO Party	1500Z, Mar 1 to 0059Z, Mar 2	Run for the Bacon QRP Contest	1900Z-2400Z, Mar 15
RSGB 80m Club Championship, Data	2000Z-2130Z, Mar 2	Bucharest Digital Contest	1800Z-2059Z, Mar 16
ARS Spartan Sprint	0200Z-0400Z, Mar 3	RSGB FT4 Contest Series	2000Z-2130Z, Mar 16
AGCW YL-CW Party	1900Z-2100Z, Mar 3	CLARA Chatter Party	1700Z, Mar 17 to 1700Z, Mar 18
QRP Fox Hunt	0200Z-0330Z, Mar 4	and	1700Z, Mar 21 to 1700Z, Mar 22
Phone Fray	0230Z-0300Z, Mar 4	QRP Fox Hunt	0100Z-0230Z, Mar 18
CWops Mini-CWT Test	1300Z-1400Z, Mar 4 and 1900Z-2000Z, Mar 4 and 0300Z-0400Z, Mar 5 2000Z-2100Z, Mar 4	Phone Fray	0230Z-0300Z, Mar 18
UKEICC 80m Contest	1800Z-1900Z, Mar 5 (CW) and 1900Z-2000Z, Mar 5 (SSB) and 2000Z-2100Z, Mar 5 (FM) and 2100Z-2200Z, Mar 5 (Dig)	CWops Mini-CWT Test	1300Z-1400Z, Mar 18 and 1900Z-2000Z, Mar 18 and 0300Z-0400Z, Mar 19
NRAU 10m Activity Contest	0000Z, Mar 7 to 2359Z, Mar 15	NAQCC CW Sprint	0030Z-0230Z, Mar 19
SKCC Sprint Europe	0000Z, Mar 7 to 2400Z, Mar 8	NCCC RTTY Sprint	0145Z-0215Z, Mar 20
NCCC RTTY Sprint	0600Z-0629Z, Mar 7 and 0630Z-0659Z, Mar 7 and 0700Z-0729Z, Mar 7 and 0730Z-0800Z, Mar 7	QRP Fox Hunt	0200Z-0330Z, Mar 20
QRP Fox Hunt	1200Z, Mar 7 to 2400Z, Mar 8	NCCC Sprint	0230Z-0300Z, Mar 20
NCCC Sprint	1800Z-2059Z, Mar 7 (Low Band)	BARTG HF RTTY Contest	0200Z, Mar 21 to 0200Z, Mar 23
Novice Rig Roundup	2100Z-2359Z, Mar 7 (Low Band)	Russian DX Contest	1200Z, Mar 21 to 1200Z, Mar 22
ARRL Inter. DX Contest, SSB	0800Z-1059Z, Mar 8 (High Band)	Virginia QSO Party	1400Z, Mar 21 to 0400Z, Mar 22
Wake-Up! QRP Sprint	1100Z-1359Z, Mar 8 (High Band)	and	1200Z-2400Z, Mar 22
SKCC Weekend Sprintathon	0700Z-1100Z, Mar 8	AGCW VHF/UHF Contest	1400Z-1700Z, Mar 21 (144) and 1700Z-1800Z, Mar 21 (432)
Open Ukraine RTTY Championship	1800Z-2200Z, Mar 8	Feld Hell Sprint	2000Z-2159Z, Mar 21
and	0000Z-0200Z, Mar 9	UBA Spring Contest, SSB	0700Z-1100Z, Mar 22
and	0100Z-0230Z, Mar 11	SKCC Sprint	0000Z-0200Z, Mar 25
UBA Spring Contest, CW	0230Z-0300Z, Mar 11	QRP Fox Hunt	0100Z-0230Z, Mar 25
WAB 3.5 MHz Phone/CW	1300Z-1400Z, Mar 11 and 1900Z-2000Z, Mar 11 and 0300Z-0400Z, Mar 12	Phone Fray	0230Z-0300Z, Mar 25
4 States QRP Group Second Sunday Sprint	2000Z-2130Z, Mar 11	CWops Mini-CWT Test	1300Z-1400Z, Mar 25 and 1900Z-2000Z, Mar 25 and 0300Z-0400Z, Mar 26
QRP Fox Hunt	2300Z, Mar 11 to 2300Z, Mar 12	UKEICC 80m Contest	2000Z-2100Z, Mar 25
Phone Fray	2300Z, Mar 14 to 2300Z, Mar 15	RSGB 80m Club Championship, SSB	2000Z-2130Z, Mar 26
CWops Mini-CWT Test	0145Z-0215Z, Mar 13	NCCC RTTY Sprint	0145Z-0215Z, Mar 27
RSGB 80m Club Championship, CW	0200Z-0330Z, Mar 13	QRP Fox Hunt	0200Z-0330Z, Mar 27
AWA John Rollins Memorial DX Contest	0230Z-0300Z, Mar 13	NCCC Sprint	0230Z-0300Z, Mar 27
and	0000Z-2359Z, Mar 14	FOC QSO Party	0000Z-2359Z, Mar 28
NCCC RTTY Sprint	1000Z, Mar 14 to 1000Z, Mar 15	CQ WW WPX Contest, SSB	0000Z, Mar 28 to 2359Z, Mar 29
QRP Fox Hunt	1200Z, Mar 14 to 1200Z, Mar 15	QCX Challenge	1300Z-1400Z, Mar 30 and 1900Z-2000Z, Mar 30 and 0300Z-0400Z, Mar 31
NCCC Sprint	1200Z, Mar 14 to 1000Z, Mar 15		
YB DX RTTY Contest	1200Z, Mar 14 to 1200Z, Mar 15		
RSGB Commonwealth Contest	1400Z-2000Z, Mar 14		
South America 10 Meter Contest	1500Z, Mar 14 to 0200Z, Mar 15		
SARL VHF/UHF Analogue Contest	1400Z-2100Z, Mar 15		
F9AA Cup, SSB	1500Z, Mar 14 to 1500Z, Mar 15		
AGCW QRP Contest	1600Z, Mar 14 to 1600Z, Mar 15		
Oklahoma QSO Party	1800Z, Mar 14 to 0559Z, Mar 15		
and	1800Z, Mar 14 to 1800Z, Mar 15		
Stew Perry Topband Challenge	1900Z, Mar 14 to 1900Z, Mar 15		
EA PSK63 Contest	2200Z-2300Z, Mar 14		
TESLA Memorial HF CW Contest	0000Z-0400Z, Mar 15		
QCWA QSO Party			
Idaho QSO Party			
QRP ARCI Spring Thaw SSB Shootout			
North American Sprint, RTTY			

Calendar content © Bruce Horn, WA7BNM 1998-2019
Used by permission.
www.hornucopia.com/contestcal/contestcal.html