October 2019 W3AI PO Box 336, Perkasie, PA 18944

R F Hill Amateur Radio Club 2019

President: KC3HHK,

Jeff Lapin

Vice Pres.: KB3HRP,

Ross Crawford

Secretary: WA3YLQ,

Jim Soete

Treasurer: W3LMR,

Lloyd M Raifsnider III

News Editor: W3WTT, Bill Tribley

bill@tribley.org

CLUB INFORMATION

Mailing address: PO Box 336, Perkasie, 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

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



Membership Renewal

It's that time in the rolling year when we renew our commitment to sharing Ham Radio together and with the community. See the Membership Renewal Form attached to this issues' email and submit your form with dues payment today!

October Program Next Generation Radio Crystals

Back in the day we were "rock bound". Dave Carroll (N2VUZ) will show us how solid state replacements for crystals are great for those who like to restore and/or operate vintage gear.



RF Hill Amateur Radio Club W3AI

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

November 18, 2019

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

<u>SEPPTN traffic nets</u> 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

9/22, 9/25 W3WTT 12/15, 12/18 W3WTT 9/29, 10/2 KS3Z 12/22, 12/25 KS3Z KB3DEN 10/6, 10/9 KB3DEN 12/29, 1/1 10/13, 10/16 WA3YLQ 10/20, 10/23 W3WTT 10/27, 10/30 KS3Z 11/3, 11/6 KB3DEN 11/10, 11/13 WA3YLQ 11/17, 11/20 W3WTT 12/1, 12/4 KB3DEN KB3DEN 12/8, 12/11 WA3YLO

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 <u>KB3DEN@aol.com</u>

AREA NET LISTINGS

SEPPTN Southeastern PA Practice & Traffic Net	Su/W	8 PM	145.31-
EPAEPTN - 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 h

http://twitter.com/W3AI



RF Hill Hamfest Sunday October 20!

We will set up on Saturday afternoon, time and details have been posted on the reflector. See the article on Hamfest Operations in this issue.

On Sunday, the 20th, the early morning crew should show at 5:30 AM. We will have to set up the front gate staging lane and be ready to SELL TICKETS and PARK CARS! Last year the entrance gate was packed at 0600 hrs.

KB3EWV has been the early morning greeter, but he needs HELP! The bus shuttle starts at 6:30. A volunteer should be ready to ride the bus promptly at 6:30! The Hamfest ends at 1 PM. As soon as the PA is broken down and we clean up, we will be out' a there!

This is our BIG Club fund raiser of the year, so needless to say this is an all hands effort!

If you know your schedule and can commit to a show time, I would appreciate knowing this in advance. Thanks for your help! If there are any questions please contact me or one of the Board members.

Jim Soete, WA3YLQ



2019 RF Hill Hamfest Operations

Here is a list of tips and procedures for Hamfest:

Our **comm. Frequency** is 146.460 simplex, charge your batteries!

<u>Dress</u> warm (!) and bring a **<u>flashlight</u>** or two.... We will supply vests.

<u>Gates</u> (3, Main Driveway, Branch St. and Creek side), Creek side and Branch St. walk -in's, charge \$7.00 admission per ham. Main Driveway, charge \$7.00 per ham plus \$8.00 per car for the first table. The minimum admission charge for a vehicle is \$15.00. Do not charge for additional tables, a crew will circulate and collect for extra tables. Non- ham spouses and kids are free at all gates. Note: Do not collect for indoor tables. Direct seller to the ramp to the building. After unloading, we will find them a place to park.

<u>Handicapped</u> Parking is at the main gate.

<u>Main Gate Buyers</u> are directed to the lot at US Gauge, Diamond and Clymer Ave. Arrangements can be made for large purchases to be picked up at the fire house.

Bus, Member riding bus, welcome attendees **AND collect \$7.00** admission on bus. Explain that they can return with their vehicle to pick up large purchases.

<u>Firemen</u>, parking spaces closest to fire house must be kept open for fire fighters.

<u>VE Candidates</u>, any ham who says they are here to take a <u>test may ride bus and</u> <u>attend ham fest at no charge</u>.

VE Session begins at 10:00 AM at the Nase-Kraft American Legion across the street.

Tailgating Parking

Please try to fill up the upper lot first, then the lower lot. Our "advertised" frontage for tailgating is 9 feet. This is based on the width of a vehicle that pulls or backs into a space. We always seem to have some non-conformists that want to park "the other way". This is fine if they have requested (paid for) three or more spaces, other wise wrong way parking is discouraged!

Discounts for multiple tables are available. Please contact me or a Board member for guidance.

Thanks in advance for your efforts!

73,.

Jim, WA3YLQ

September Meeting

















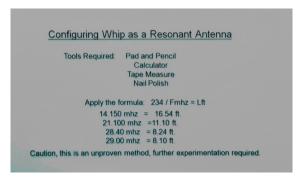


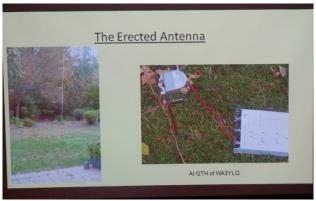


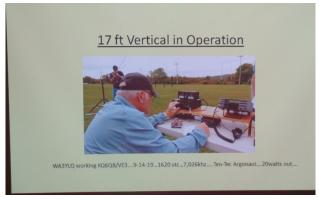




Portable QRO—QRP Ops and Antenna Day Gallery













All photos by Joe Raucht, N3CRP.

RF Hill ARC Meeting Minutes for September 26, 2019

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

Roll Call 20 ARO's and one guest were present.

Officer Reports:

President KC3HHK thanked all who came out to the Club Picnic on the August meeting date. He also thanked all who helped with picnic arrangements. Jeff also mentioned that the Board is looking into a way to make the equipment donated by Joe Kabala's (KB3BFK-SK) estate available to Club members. More on this will be published on the io reflector.

Vice President KB3HRP was absent. Jim, WA3YLQ, reported that program planning is on-going. Dave Carroll, N2VUZ, will present a program on solid state replacements for quartz crystal applications at the October meeting. Jim, KB3DEN, will present his program on the National Traffic System at the November meeting. December will be the "left over Christmas Cookie Party", and a show and tell of members accomplishments (and purchases) during 2019. Other programs are being planned.

Secretary Jim, WA3YLQ, reported that the minutes for the July and August meetings were published in MHz Times. A motion to accept the minutes as published was made by KS3Z, seconded by KW3P. Motion carried.

Treasurer Lloyd, W3LMR, reported that all bills have been paid and a positive balance exists in Club accounts. A motion to accept the Treasures report was made by KS3Z, seconded by KW3P. Motion carried.

Committee Reports

VE Reported in MHz Times

Repeater No report

Hamfest Jim, WA3YLQ, reported that plans are ongoing. Ham Fest is Sunday, October 20th on the Sellersville Fire House property. Hamfest tips and procedures were published in MHz Times, and will be posted on the io reflector as the date approaches. This is our big Club fund raiser and it is an all hands effort. Show time to park cars and sell tickets is 5:30 AM on Sunday, the 20th. Jim will be posting info to the reflector and will be looking for commitment of members to showtimes that day.

Net Reports: Jim, KB3DEN, reported that for August, 83 operators checked in and 9 pieces of traffic were passed on the SEPPATN Net, in eight sessions. Dan. WA3NFV reported that 6-10 stations regularly check in to the 10 meter AM Net on Sunday evenings. This net immediately follows SEP-PATN, which meets at 8PM.

Old Business No report.

New Business John, KB3EWV, is planning another Antenna Day for late fall or mid- winter. Weather permitting!

Adjournment An informal motion was made to adjourn. Motion carried.

Program: Portable Operations and Antenna Day Report, by WA3YLQ

Respectfully Submitted:

Jim Soete, WA3YLQ, Secretary

RF Hill ARC

OCTOBER CONTESTS

IODD Overted Namether	00007 0-14 1- 00007 0-17	Araucaria World Wide VHF Contest	0000Z, Oct 19 to 1600Z, Oct 20
IQRP Quarterly Marathon	0800Z, Oct 1 to 2000Z, Oct 7	ARRL EME Contest	0000Z, Oct 19 to 2359Z, Oct 20
222 MHz Fall Sprint	1900 local - 2300 local, Oct 1	JARTS WW RTTY Contest	0000Z, Oct 19 to 2400Z, Oct 20
Phone Fray	0230Z-0300Z, Oct 2	10-10 Int. Fall Contest, CW	0001Z, Oct 19 to 2359Z, Oct 20
CWops Mini-CWT Test	1300Z-1400Z, Oct 2 and	New York QSO Party	1400Z, Oct 19 to 0200Z, Oct 20
	1900Z-2000Z, Oct 2 and	Stew Perry Topband Challenge	1500Z, Oct 19 to 1500Z, Oct 20
	0300Z-0400Z, Oct 3	Worked All Germany Contest	1500Z, Oct 19 to 1459Z, Oct 20
UKEICC 80m Contest	2000Z-2100Z, Oct 2	Feld Hell Sprint	2000Z-2359Z, Oct 19
German Telegraphy Contest	0700Z-1000Z, Oct 3	Argentina National 7 MHz Contest	2130Z-2230Z, Oct 19
NRAU 10m Activity Contest	1700Z-1800Z, Oct 3 (CW) and	Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 20
	1800Z-1900Z, Oct 3 (SSB) and	UBA ON Contest, 2m	0700Z-1000Z, Oct 20
	1900Z-2000Z, Oct 3 (FM) and	Illinois QSO Party	1700Z, Oct 20 to 0100Z, Oct 21
CARL 00m OCO Partir	2000Z-2100Z, Oct 3 (Dig)	RSGB RoLo CW	1900Z-2030Z, Oct 20
SARL 80m QSO Party	1700Z-2000Z, Oct 3	Run for the Bacon QRP Contest	0100Z-0300Z, Oct 21
SKCC Sprint Europe	1900Z-2100Z, Oct 3	ARRL School Club Roundup	1300Z, Oct 21 to 2359Z, Oct 25
NCCC RTTY Sprint	0145Z-0215Z, Oct 4	Telephone Pioneers QSO Party	1800Z-1900Z, Oct 21 (Digital
NCCC Sprint	0230Z-0300Z, Oct 4	Only) and	10007 0-101 1- 02007 0-102
TRC DX Contest	0600Z, Oct 5 to 1800Z, Oct 6	(All Madas)	1900Z, Oct 21 to 0300Z, Oct 22
Oceania DX Contest, Phone	0800Z, Oct 5 to 0800Z, Oct 6	(All Modes)	00007 00007 0-4 00
Russian WW Digital Contest	1200Z, Oct 5 to 1159Z, Oct 6	SKCC Sprint	0000Z-0200Z, Oct 23
YLRL DX/NA YL Contest	1400Z, Oct 5 to 0200Z, Oct 7	Phone Fray	0230Z-0300Z, Oct 23
ARU Region 1 UHF/Microwaves Conte	est 1400Z, Oct 5 to 1400Z, Oct	CWops Mini-CWT Test	1300Z-1400Z, Oct 23 and
O California OCO Dayte	10007 0-154-00007 0-10		1900Z-2000Z, Oct 23 and
California QSO Party	1600Z, Oct 5 to 2200Z, Oct 6	DCCD 00m Autum Conice Det	0300Z-0400Z, Oct 24
International HELL-Contest	1600Z-1800Z, Oct 5 (80m) and	RSGB 80m Autumn Series, Data	1900Z-2030Z, Oct 23
	0900Z-1100Z, Oct 6 (40m)	NCCC RTTY Sprint	0145Z-0215Z, Oct 25
FISTS Fall Slow Speed Sprint	1700Z-2100Z, Oct 5	NCCC Sprint	0230Z-0300Z, Oct 25
SKCC QSO Party	1800Z, Oct 5 to 1800Z, Oct 6	CQ Worldwide DX Contest, SSB	0000Z, Oct 26 to 2359Z, Oct 27
RSGB DX Contest	0500Z-2300Z, Oct 6	Phone Fray	0230Z-0300Z, Oct 30
UBA ON Contest, SSB	0600Z-0900Z, Oct 6	CWops Mini-CWT Test	1300Z-1400Z, Oct 30 and
Peanut Power QRP Sprint	2200Z-2359Z, Oct 6		1900Z-2000Z, Oct 30 and
RSGB FT4 Contest Series	1900Z-1959Z, Oct 7	UKEICC 80m Contest	0300Z-0400Z, Oct 31
ARS Spartan Sprint	0100Z-0300Z, Oct 8		2000Z-2100Z, Oct 30
NAQCC CW Sprint	0030Z-0230Z, Oct 9	RSGB 80m Autumn Series, SSB	1900Z-2030Z, Oct 31
Phone Fray	0230Z-0300Z, Oct 9	Calendar content © Bruce Horn, WA7E	DINIVI 1990-2019
CWops Mini-CWT Test	1300Z-1400Z, Oct 9 and	Used by permission. www.hornucopia.com/contestcal/conte	atool html
	1900Z-2000Z, Oct 9 and 0300Z-0400Z, Oct 10	www.nornucopia.com/contestcai/conte	Stcal.Html
432 MHz Fall Sprint	1900 local - 2300 local, Oct 9		
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10		
NCCC RTTY Sprint	0145Z-0215Z, Oct 11		
NCCC Sprint	0230Z-0300Z, Oct 11		
QRP ARCI Fall QSO Party	0000Z-2359Z, Oct 12		
Makrothen RTTY Contest	0000Z-0800Z, Oct 12 and		
Walter Titt Toollest	1600Z-2400Z, Oct 12 and		
	0800Z-1600Z, Oct 13		
Nevada QSO Party	0300Z, Oct 12 to 2100Z, Oct 13		
Oceania DX Contest, CW	0800Z, Oct 12 to 0800Z, Oct 13		
Microwave Fall Sprint	0800 local - 1400 local, Oct 12		
Scandinavian Activity Contest, SSB	1200Z, Oct 12 to 1200Z, Oct 13		
SKCC Weekend Sprintathon	1200Z, Oct 12 to 2400Z, Oct 13		
Arizona QSO Party	1600Z, Oct 12 to 0600Z, Oct 13		
and	,		
	1400Z to 2400Z, Oct 13		
Pennsylvania QSO Party	1600Z, Oct 12 to 0500Z, Oct 13		
and	,		
	1300Z-2200Z, Oct 13		
FISTS Fall Unlimited Sprint	1700Z-2100Z, Oct 12		
South Dakota QSO Party	1800Z, Oct 12 to 1800Z, Oct 13		
PODXS 070 Club 160m Great Pumpkir			
Oct 13	·		
UBA ON Contest, CW	0530Z-0800Z, Oct 13		
UBA ON Contest, 6m	0800Z-1000Z, Oct 13		
4 States QRP Group Second Sunday S			
RSGB 80m Autumn Series, CW	1900Z-2030Z, Oct 14		
Phone Fray	0230Z-0300Z, Oct 16		
CWops Mini-CWT Test	1300Z-1400Z, Oct 16 and		
	1900Z-2000Z, Oct 16 and		
	0300Z-0400Z, Oct 17		
AGCW Semi-Automatic Key Evening	1900Z-2030Z, Oct 17		
NCCC RTTY Sprint	0145Z-0215Z, Oct 18		
NCCC Sprint	0230Z-0300Z, Oct 18		
Zombie Shuffle	1600-2400 local, Oct 18		

NOYEMBER CONTESTS

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NCCC RTTY Sprint	0145Z-0215Z, Nov 1	Run for the Bacon QRP Contest	0200Z-0400Z, Nov 18
NCCC Sprint	0230Z-0300Z, Nov 1	NAQCC CW Sprint	0130Z-0330Z, Nov 19
Silent Key Memorial Contest	0600Z-0859Z, Nov 1	Phone Fray	0230Z-0300Z, Nov 20
IPARC Contest, CW	0600Z-1000Z, Nov 2 and	CWops Mini-CWT Test	1300Z-1400Z, Nov 20 and
	1400Z-1800Z, Nov 2		1900Z-2000Z, Nov 20 and
Ukrainian DX Contest	1200Z, Nov 2 to 1200Z, Nov 3	DCCD 00m Automor Conice CCD	0300Z-0400Z, Nov 21
ARRL Sweepstakes Contest, CW	2100Z, Nov 2 to 0300Z, Nov 4	RSGB 80m Autumn Series, SSB	2000Z-2130Z, Nov 20
IPARC Contest, SSB	0600Z-1000Z, Nov 3 and	NCCC RTTY Sprint	0145Z-0215Z, Nov 22
EANET Sprint	1400Z-1800Z, Nov 3 0800Z-1200Z, Nov 3	NCCC Sprint CQ Worldwide DX Contest, CW	0230Z-0300Z, Nov 22 0000Z, Nov 23 to 2400Z, Nov 24
High Speed Club CW Contest	0900Z-1200Z, Nov 3	SKCC Sprint	0000Z, NOV 23 to 2400Z, NOV 24
riigii opeca olab ovv oontest	1500Z-1700Z, Nov 3	Phone Fray	0230Z-0300Z, Nov 27
RSGB FT4 Contest Series	2000Z-2059Z, Nov 4	CWops Mini-CWT Test	1300Z-1400Z, Nov 27 and
ARS Spartan Sprint	0200Z-0400Z, Nov 5	511 Sp5 1111111 5111 1 1 551	1900Z-2000Z, Nov 27 and
Phone Fray	0230Z-0300Z, Nov 6		0300Z-0400Z, Nov 28
CWops Mini-CWT Test	1300Z-1400Z, Nov 6 and	UKEICC 80m Contest	2000Z-2100Z, Nov 27
	1900Z-2000Z, Nov 6 and	RSGB 80m Autumn Series, CW	2000Z-2130Z, Nov 28
	0300Z-0400Z, Nov 7	NCCC RTTY Sprint	0145Z-0215Z, Nov 29
UKEICC 80m Contest	2000Z-2100Z, Nov 6	NCCC Sprint	0230Z-0300Z, Nov 29
NRAU 10m Activity Contest	1800Z-1900Z, Nov 7 (CW) and	Russian WW MultiMode Contest	1200Z, Nov 30 to 1159Z, Dec 1
	1900Z-2000Z, Nov 7 (SSB) and		
	2000Z-2100Z, Nov 7 (FM) and		
0//00 0 : 45	2100Z-2200Z, Nov 7 (Dig)	0.1 1 1 10.5 11 11	7DNIA 1000 0010
SKCC Sprint Europe	2000Z-2200Z, Nov 7	Calendar content © Bruce Horn, WA	/BNM 1998-2019
NCCC RTTY Sprint	0145Z-0215Z, Nov 8	Used by permission.	to ado al latinal
NCCC Sprint	0230Z-0300Z, Nov 8	www.hornucopia.com/contestcal/cont	iestcai.ntmi
WAE DX Contest, RTTY	0000Z, Nov 9 to 2359Z, Nov 10		
PODXS 070 Club Triple Play Low Band 11	1 Sprint00002, NOV 9 to 25592, NOV		
10-10 Int. Fall Contest, Digital	0001Z, Nov 9 to 2359Z, Nov 10		
JIDX Phone Contest	0700Z, Nov 9 to 1300Z, Nov 10		
SARL VHF/UHF Analogue Contest	1000Z, Nov 9 to 1000Z, Nov 10		
OK/OM DX Contest, CW	1200Z, Nov 9 to 1200Z, Nov 10		
SKCC Weekend Sprintathon	1200Z, Nov 9 to 2400Z, Nov 10		
CQ-WE Contest	1900Z-2300Z, Nov 9 (CW/Digital)		
and	, ,		
	0100Z-0500Z, Nov 10 (Phone)		
and			
	1900Z-2300Z, Nov 10 (Phone)		
and	04007.05007.N. 44.(0\M)		
D: -: 14 - 17	0100Z-0500Z, Nov 11 (CW/		
Digital)	22007 Nov. 0 to 22007 Nov. 10		
AWA Bruce Kelley 1929 QSO Party	2300Z, Nov 9 to 2300Z, Nov 10		
and	2300Z, Nov 16 to 2300Z, Nov 17		
North American SSB Sprint Contest	0000Z-0400Z, Nov 10		
4 States QRP Group Second Sunday S	print 0100Z-03007 Nov 11		
RSGB 80m Autumn Series, Data	2000Z-2130Z, Nov 11		
Phone Fray	0230Z-0300Z, Nov 13		
CWops Mini-CWT Test	1300Z-1400Z, Nov 13 and		
	1900Z-2000Z, Nov 13 and		
	0300Z-0400Z, Nov 14		
NCCC RTTY Sprint	0145Z-0215Z, Nov 15		
NCCC Sprint	0230Z-0300Z, Nov 15		
YO International PSK31 Contest	1600Z-2200Z, Nov 15		
ARRL EME Contest	0000Z, Nov 16 to 2359Z, Nov 17		
SARL Field Day Contest	1000Z, Nov 16 to 1000Z, Nov 17		
LZ DX Contest All Austrian 160-Meter Contest	1200Z, Nov 16 to 1200Z, Nov 17 1600Z-2359Z, Nov 16		
REF 160-Meter Contest	1700Z, Nov 16 to 0100Z, Nov 17		
Feld Hell Sprint	1900Z-2059Z, Nov 16		
RSGB 1.8 MHz Contest	1900Z-2009Z, Nov 16		
ARRL Sweepstakes Contest, SSB	2100Z, Nov 16 to 0300Z, Nov 18		
Homebrew and Oldtime Equipment Par			
and	, , , , , , , , , , , , , , , , , , , ,		
	1500-1700Z, Nov 17 (80m)		
L			

DECEMBER CONTESTS

0200Z-0400Z, Dec 3 0230Z-0300Z, Dec 4 **ARS Spartan Sprint** Phone Fray 1300Z-1400Z, Dec 4 and 1900Z-2000Z, Dec 4 and CWops Mini-CWT Test 0300Z-0400Z, Dec 5 0000Z-0300Z, Dec 5 1800Z-1900Z, Dec 5 (CW) and 1900Z-2000Z, Dec 5 (SSB) and 2000Z-2100Z, Dec 5 (FM) and QRP ARCI Topband Sprint NRAU 10m Activity Contest 2100Z-2200Z, Dec 5 (Dig) 2000Z-2200Z, Dec 5 0145Z-0215Z, Dec 6 0230Z-0300Z, Dec 6 SKCC Sprint Europe NCCC RTTY Sprint NCCC Sprint ARRL 160-Meter Contest 2200Z, Dec 6 to 1600Z, Dec 8 0500Z-0800Z, Dec 7 and 1500Z-1800Z, Dec 7 and 0700Z-1000Z, Dec 8 UFT Contest 0600Z-0629Z, Dec 7 and 0630Z-0659Z, Dec 7 and 0700Z-0729Z, Dec 7 and Wake-Up! QRP Sprint 0730Z-0800Z, Dec 7 1200Z, Dec 7 to 2400Z, Dec 8 SKCC Weekend Sprintathon PRO CW Contest 1600Z, Dec 7 to 1559Z, Dec 8 1600Z, Dec 7 to 1559Z, Dec 8 1800Z, Dec 7 to 2359Z, Dec 8 International Naval Contest FT8 Roundup EPC Ukraine DX Contest 2000Z, Dec 7 to 1959Z, Dec 8 QRP ARCI Holiday Spirits Homebrew Sprint 2000Z-2300Z, Dec 8 4 States QRP Group Second Sunday Sprint 0100Z-0300Z, Dec 9 0130Z-0330Z, Dec 11 0230Z-0300Z, Dec 11 NAQCC CW Sprint Phone Fray 1300Z-1400Z, Dec 11 and CWops Mini-CWT Test 1900Z-2000Z, Dec 11 and 0300Z-0400Z, Dec 12 0145Z-0215Z, Dec 13 NCCC RTTY Sprint 0230Z-0300Z, Dec 13 NCCC Sprint ARRL 10-Meter Contest 0000Z, Dec 14 to 2400Z, Dec 15 PODXS 070 Club Triple Play Low Band Sprint0000Z, Dec 14 to 2359Z, Dec 16 TRC Digi Contest 0600Z, Dec 14 to 1800Z, Dec 15 CQC Great Colorado Snowshoe Run 2100Z-2259Z, Dec 15 0200Z-0400Z, Dec 16 0130Z-0330Z, Dec 18 Run for the Bacon QRP Contest NAQCC CW Sprint 0230Z-0300Z, Dec 18 Phone Fray 1300Z-1400Z, Dec 18 and 1900Z-2000Z, Dec 18 and CWops Mini-CWT Test 0300Z-0400Z, Dec 19 0145Z-0215Z, Dec 20 0230Z-0300Z, Dec 20 NCCC RTTY Sprint NCCC Sprint 1600Z-1700Z, Dec 20 2000Z-2400Z, Dec 20 0000Z-2400Z, Dec 21 AGB-Party Contest Russian 160-Meter Contest OK DX RTTY Contest 0000Z-2359Z, Dec 21 Feld Hell Sprint Gedebage CW Contest 1200Z, Dec 21 to 1159Z, Dec 22 Padang DX Contest 1200Z, Dec 22 to 1159Z, Dec 23 1400Z, Dec 21 to 1400Z, Dec 22 0000Z-1159Z, Dec 22 Croatian CW Contest RAEM Contest 1800Z-2359Z, Dec 22 0000Z-0200Z, Dec 25 0230Z-0300Z, Dec 25 ARRL Rookie Roundup, CW SKCC Sprint Phone Fray 1300Z-1400Z, Dec 25 and 1900Z-2000Z, Dec 25 and 0300Z-0400Z, Dec 26 0830Z-1059Z, Dec 26 CWops Mini-CWT Test DARC Christmas Contest 0145Z-0215Z, Dec 27 0230Z-0300Z, Dec 27 NCCC RTTY Sprint NCCC Sprint 0000Z-2359Z, Dec 28 RAC Winter Contest

Original QRP Contest 1500Z, Dec 28 to 1500Z, Dec 29
Stew Perry Topband Challenge 1500Z, Dec 28 to 1500Z, Dec 29
QCX Challenge 1300Z-1400Z, Dec 30 and 1900Z-2000Z, Dec 30 and 0300Z-0400Z, Dec 31
Bogor Old and New Contest 0900Z-2359Z, Dec 31

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