



MEGAHERTZ TIMES



January 2020

W3AI

PO Box 336, Perkasio, PA 18944

R F Hill Amateur Radio Club 2020

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, 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

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

Meeting Notice

**Maplewood Estates at Peter Becker Community
815 Maplewood Drive, Harleysville, PA 19438**

Thursday, Jan 30, 2020 7:30 PM

Membership Renewal

- Past Due -

If you haven't renewed yet (oops!!) please use the Membership Renewal Form attached to this issues' email and *submit your form with dues payment today!*

January Program

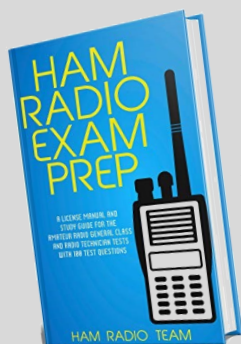
CW 101 Revisited

Presented by Jim Soete, WA3YLQ. This is an update of a program which I presented several years ago. I hope you will find it interesting and perhaps even entertaining! See you at the Meeting!



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

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

2-Feb, 5-Feb	WA3YLQ	15-Mar, 18-Mar	KS3Z
9-Feb, 12-Feb	W3WTT	22-Mar, 25-Mar	KB3DEN
16-Feb, 19-Feb	KS3Z	29-Mar, 1-Apr	WA3YLQ
23-Feb, 26-Feb	KB3DEN	5-Apr, 8-Apr	W3WTT
1-Mar, 4-Mar	WA3YLQ		
8-Mar, 11-Mar	W3WTT		

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-
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)



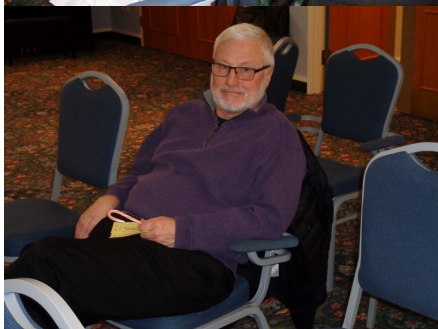
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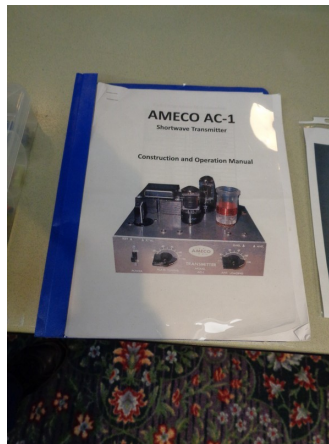
<http://twitter.com/W3AI>



December Meeting Photos



December Meeting Show and Tell



All meeting and show-and-tell photos courtesy Joe Rauchut, N3CRP

January VE Testing

Six candidates appeared at our Jan. 20th session. Four earned new Technician licenses and two upgraded to General Class. Congratulations to Paul Fort, KC3OGE, a new Club member applicant. Paul upgraded to General.

Thanks to the following VE's for helping out with the session: K3UCI, N3CRP, N3RSG, KW3P, W3EX and KS3Z. 73 de WA3YLQ, VE Team Leader



RF Hill ARC Meeting Minutes for December 26, 2019

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

Roll Call 20 ARO's and 1 guest in attendance

Officer Reports

President Jeff Lapin, KC3HHK, thanked all for coming out tonight and wished all Happy Holidays. Jeff reminded members that elections of officers will be held at the January meeting. We must elect a Vice-president and Treasurer, Any members interested in these positions may contact the Nominating Committee. Membership dues must be paid up to vote in Club elections. Jeff reminded group that donations for FISH are being accepted this evening.

Vice President (no report)

Secretary Jim, WA3YLQ, reported that minutes of the November meeting were published in the MHz Times. A motion to accept the minutes as published was made by W3TFF, seconded by N2VUZ. Motion carried. A second reading of the membership application of Chris Norton, W2PDN, was offered. A motion was made and seconded to accept Chris into membership. Motion carried. Welcome Chris.

A first reading of the application for Paul Fort, KC3OGE, was presented. Paul is a Tech licensee and resides in Perkasio. He has work experience in electronics field and is presently in the pharmaceutical industry. He enjoys experimenting with antennas. He is recommended by Dan, WA3NFV. Second reading will be in January

A first reading of the application of Robert "Griff" Griffiths, NE3I, was presented. Griff has been licensed since 1966 and has extensive experience on hf and vhf bands. He has held several ARRL appointments and has been active in MONTCO RACES. He is a member of Frankford and Packrats ARC's. Mainly works cw and is interested in low power operations. Heard about Club from W3EX and W3CQC. Second reading will be in January

Treasurer Lloyd, W3LMR, reported that all bills have been paid and the books are in order. Members continue to pay their 2020 dues

Committee Reports, Old and New Business: President, KC3HHK, requested a motion from the floor to postpone these items to the January meeting, So moved, by KB3EWV, seconded by W2PDN. Motion carried.,

Adjournment Upon and informal voice vote, the meeting was adjourned and the annual Club Christmas Party began.

Program: Show and Tell items were brought in by N2VUZ and WA3YLQ. Dave demonstrated his vintage Boonton grid dip meter and Jim showed off his Ameco AC-1 cw transmitter.

Respectfully Submitted:

Jim Soete, WA3YLQ, Secretary
RF Hill ARC

JANUARY CONTESTS

AGB New Year Snowball Contest	0000Z-0100Z, Jan 1	North American QSO Party, SSB	1800Z, Jan 18 to 0559Z, Jan 19
QRP Fox Hunt	0200Z-0330Z, Jan 1	NA Collegiate Championship, SSB	1800Z, Jan 18 to 0559Z, Jan 19
Phone Fray	0230Z-0300Z, Jan 1	ARRL January VHF Contest	1900Z, Jan 18 to 0359Z, Jan 20
SARTG New Year RTTY Contest	0800Z-1100Z, Jan 1	WAB 1.8 MHz Phone/CW	1900Z-2300Z, Jan 18
AGCW Happy New Year Contest	0900Z-1200Z, Jan 1	Feld Hell Sprint	2000Z-2359Z, Jan 18 (EU-AF)
CWops Mini-CWT Test	1300Z-1400Z, Jan 1 and 1900Z-2000Z, Jan 1 and 0300Z-0400Z, Jan 2	and (ENA-ESA) and	2300Z, Jan 18 to 0259Z, Jan 19
AGCW VHF/UHF Contest	1400Z-1700Z, Jan 1 (144) and 1700Z-1800Z, Jan 1 (432)	AS)	0200Z-0559Z, Jan 19 (WNA-OC-
QRP ARI New Years Sprint	1500Z-1800Z, Jan 1	Run for the Bacon QRP Contest	0200Z-0400Z, Jan 20
UKEICC 80m Contest	2000Z-2100Z, Jan 1	SKCC Sprint	0000Z-0200Z, Jan 22
NRAU 10m Activity Contest	1800Z-1900Z, Jan 2 (CW) and 1900Z-2000Z, Jan 2 (SSB) and 2000Z-2100Z, Jan 2 (FM) and 2100Z-2200Z, Jan 2 (Dig)	QRP Fox Hunt	0200Z-0330Z, Jan 22
	2000Z-2200Z, Jan 2	Phone Fray	0230Z-0300Z, Jan 22
SKCC Sprint Europe	0145Z-0215Z, Jan 3	CWops Mini-CWT Test	1300Z-1400Z, Jan 22 and 1900Z-2000Z, Jan 22 and
NCCC RTTY Sprint	0200Z-0330Z, Jan 3		0300Z-0400Z, Jan 23
QRP Fox Hunt	0230Z-0300Z, Jan 3	NAQCC CW Sprint	0130Z-0330Z, Jan 23
NCCC Sprint	0000Z-2400Z, Jan 4	NCCC RTTY Sprint	0145Z-0215Z, Jan 24
PODXS 070 Club PSKFest	1200Z, Jan 4 to 1200Z, Jan 5	QRP Fox Hunt	0200Z-0330Z, Jan 24
WW PMC Contest	1300Z-1700Z, Jan 4	NCCC Sprint	0230Z-0300Z, Jan 24
RSGB AFS Contest, CW	1800Z, Jan 4 to 2400Z, Jan 5	CQ 160-Meter Contest, CW	2200Z, Jan 24 to 2200Z, Jan 26
ARRL RTTY Roundup	1800Z-2359Z, Jan 4	REF Contest, CW	0600Z, Jan 25 to 1800Z, Jan 26
ARRL Kids Day	2000Z-2300Z, Jan 4 and	BARTG RTTY Sprint	1200Z, Jan 25 to 1200Z, Jan 26
EUCW 160m Contest	0400Z-0700Z, Jan 5	UBA DX Contest, SSB	1300Z, Jan 25 to 1300Z, Jan 26
	0800Z, Jan 6 to 2000Z, Jan 12	Winter Field Day	1900Z, Jan 25 to 1900Z, Jan 26
IQRP Quarterly Marathon	0200Z-0400Z, Jan 7	QCX Challenge	1300Z-1400Z, Jan 27 and 1900Z-2000Z, Jan 27 and
ARS Spartan Sprint	0200Z-0330Z, Jan 8		0300Z-0400Z, Jan 28
QRP Fox Hunt	0230Z-0300Z, Jan 8	QRP Fox Hunt	0200Z-0330Z, Jan 29
Phone Fray	1300Z-1400Z, Jan 8 and	Phone Fray	0230Z-0300Z, Jan 29
CWops Mini-CWT Test	1900Z-2000Z, Jan 8 and 0300Z-0400Z, Jan 9	CWops Mini-CWT Test	1300Z-1400Z, Jan 29 and 1900Z-2000Z, Jan 29 and
AWA Linc Cundall Memorial CW Contest	2300Z, Jan 8 to 2300Z, Jan 9		0300Z-0400Z, Jan 30
and	2300Z, Jan 11 to 2300Z, Jan 12	UKEICC 80m Contest	2000Z-2100Z, Jan 29
NCCC RTTY Sprint	0145Z-0215Z, Jan 10	NCCC RTTY Sprint	0145Z-0215Z, Jan 31
QRP Fox Hunt	0200Z-0330Z, Jan 10	QRP Fox Hunt	0200Z-0330Z, Jan 31
NCCC Sprint	0230Z-0300Z, Jan 10	NCCC Sprint	0230Z-0300Z, Jan 31
YB DX Contest	0000Z-2359Z, Jan 11		
Old New Year Contest	0500Z-0900Z, Jan 11		
UBA PSK63 Prefix Contest	1200Z, Jan 11 to 1200Z, Jan 12		
SKCC Weekend Sprintathon	1200Z, Jan 11 to 2400Z, Jan 12		
North American QSO Party, CW	1800Z, Jan 11 to 0559Z, Jan 12		
NRAU-Baltic Contest, SSB	0530Z-0730Z, Jan 12		
NRAU-Baltic Contest, CW	0800Z-1000Z, Jan 12		
DARC 10-Meter Contest	0900Z-1059Z, Jan 12		
Midwinter Contest	1000Z-1400Z, Jan 12		
RSGB AFS Contest, Data	1300Z-1700Z, Jan 12		
Classic Exchange, CW	1400Z, Jan 12 to 0800Z, Jan 13		
and	1400Z, Jan 13 to 0800Z, Jan 15		
4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Jan 13		
QRP Fox Hunt	0200Z-0330Z, Jan 15		
Phone Fray	0230Z-0300Z, Jan 15		
CWops Mini-CWT Test	1300Z-1400Z, Jan 15 and 1900Z-2000Z, Jan 15 and 0300Z-0400Z, Jan 16		
NAQCC CW Sprint	0130Z-0330Z, Jan 16		
NCCC RTTY Sprint	0145Z-0215Z, Jan 17		
QRP Fox Hunt	0200Z-0330Z, Jan 17		
NCCC Sprint	0230Z-0300Z, Jan 17		
LZ Open Contest	1800Z-2200Z, Jan 17		
Hungarian DX Contest	1200Z, Jan 18 to 1159Z, Jan 19		
RSGB AFS Contest, SSB	1300Z-1700Z, Jan 18		

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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		

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