



MEGAHERTZ TIMES

September 2024

W3AI

PO Box 336, Perkasie, PA 18944

R F Hill Amateur Radio Club 2024

President: Cary Binder, N12Q
Vice President: Jim Soete, WA3YLQ
Secretary: Jim Reed, KC3LXV
Treasurer: Tom Dumire, K3KKI
News Editor: KS3Z, Charles Schmill
ks3z@comcast.net

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 normally meets at
7:30 PM on the last Thursday of the
Month

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

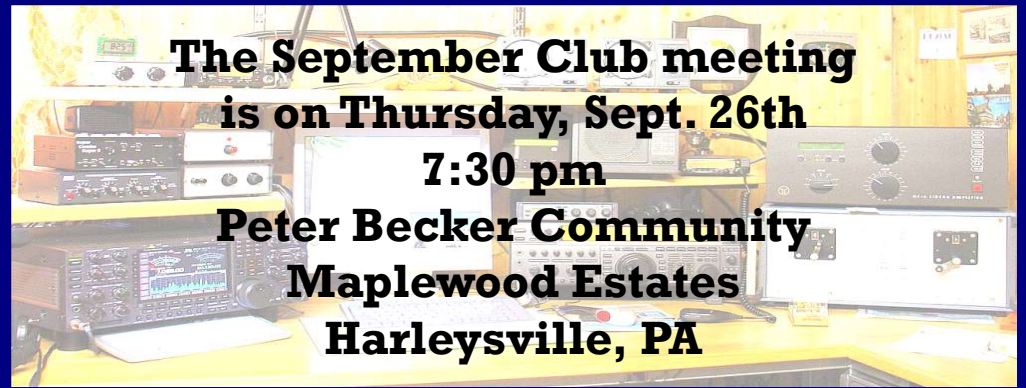
Email: rfhillarc@yahoo.com

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DEADLINE for article submission is 6
days before the meeting! Please submit
in Open Office (.odt) or MS Word (.docx)
format. No PDFs please!

Send to ks3z@comcast.net



September Club Meeting:

HAMFEST Preparation Hamfest 2.0 Set-Up

Our Club Hamfest is Sunday, October 20th, at the
Upper Bucks Campus of the Bucks County
Community College.

This meeting will be a review of Hamfest set-up
and operation procedures and will provide members
with a list of gear that will make
the day's operations more comfortable.

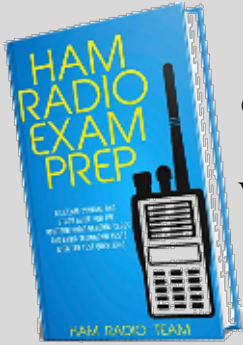
This is our BIG fundraiser intended to keep
W3AI's two repeaters on the air for another year
and provide funding for insurance
and other Club activities.

It is an all-hands effort!

Looking forward to seeing many of you
at this month's meeting.

73, Jim Soete, WA3YLQ

VE TESTING



VE testing for Technician, General and Extra Class licenses is held at 6:00 PM at the Indian Valley Public Library in Telford:

100 E Church Ave.
Telford, PA 18969

Scheduled VE Exam Sessions

2024 Dates:

October 20 (at Hamfest)

November 18

Direct questions to Kevin KW3P at kw3p@arrl.net or by cell phone at 215-378-6978.



Club 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

RF Hill CW Squad Operates on 28.370.600 CW at approx. 7pm Tuesday stopping before the NPARC net at 8pm. This is a non formal CW - slow speed - net for beginners and ranges in speed from 5-15 wpm.

SEPPATN Net Control Stations

9/22, 9/25 KB3DEN	11/10 WA3YLQ
9/29 WA3YLQ	11/13 KW3P
10/02 KW3P	11/17 WA3YLQ
10/06 WA3YLQ	11/20 KW3P
10/09 KW3P	11/24, 11/27 KB3DEN
10/13 WA3YLQ	12/01 WA3YLQ
10/16, 10/20 KB3DEN	12/04 KW3P
10/23 KW3P	12/08 WA3YLQ
10/27 WA3YLQ	12/11 KW3P
10/30 KW3P	12/15 KB3DEN
11/03, 11/06 KB3DEN	12/29 WA3YLQ

Contact Jim KB3DEN with any questions or conflicts. 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	5 PM	3.918 +/-
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)



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Follow us today!

<http://facebook.com/rfhillarc>

<http://twitter.com/W3AI>



RF Hill ARC August Meeting Minutes

Date: 8/29/2024 Menlo Park, Perkasio

Welcome/Call VP Jim, WA3YLQ called the group to order (Pres. Cary, NI2Q busy at the grill).

Twenty-four people were in attendance (fifteen members and nine guests).

A motion was made from the floor to postpone Committee Reports and Old/New Business discussion to the September meeting.

Motion moved, seconded, and approved by members present.

A moment of silence was observed in recognition of members who had passed this year and all members who are no longer with us.

Notably, Frank Mee, W3MEE, and Irv Fisher, AF3IF, passed in 2024.

A motion to adjourn was made from the floor and passed unanimously. Picnic festivities began.

Respectfully Submitted,

Jim Soete, WA3YLQ
Acting Recorder

VE Session - Indian Valley Public Library

September 16, 2024

1 candidate—Congratulations to Andrew Kleppinger, new Technician!



Picnic Pictures!



Worked all States



This picture is from a Facebook group by a ham showing the cards he submitted for WAS. The observant among you may notice there are only 48 cards, because he claimed WAS in 1957-58, BEFORE Alaska and Hawaii joined!

EZ PIX

Some pictures copied from EZ Pix by Lamar, K3UCI









**Don't Forget . . .
RF Hill Hamfest is Sunday, October 20 !!!**

**Upper County Campus—Bucks County Community College in Perkasie.
Flyers will be available at Club meetings
This is the sole source of income besides dues for the year.**

Volunteer and help our club!

US Amateur Radio Bands

Operator license classes: **E** = Amateur Extra **A** = Advanced **G** = General **T** = Technician **N** = Novice
 CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

 = RTTY, data, phone, image  = USB phone, RTTY, data and CW  = RTTY and data  = phone and image
 = SSB phone  = CW only

LF – Low Frequency band

2200 Meters (135 kHz) E,A,G
 1 W EIRP maximum



Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G

5 W EIRP max, except in Alaska within 496 miles of Russia where the limit is 1 W EIRP

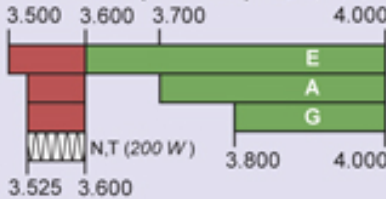


160 Meters (1.8 MHz) E,A,G

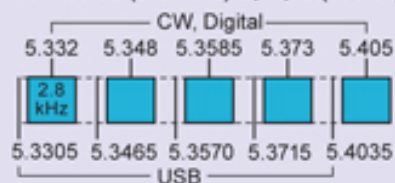


HF – High Frequency bands

80 Meters (3.5 MHz) E,A,G,T,N

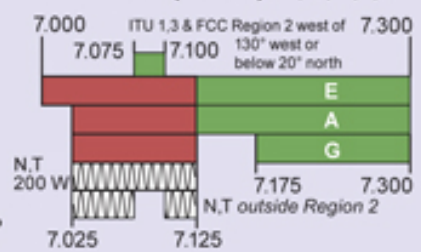


60 Meters (5.3 MHz) E, A, G (100 W)



General, Advanced, and Extra licensees may operate on a secondary basis with a maximum ERP of 100 W (relative to a half-wave dipole antenna).

40 Meters (7 MHz) E,A,G,T,N



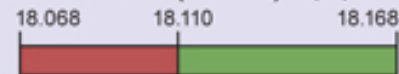
30 Meters (10.1 MHz) E,A,G



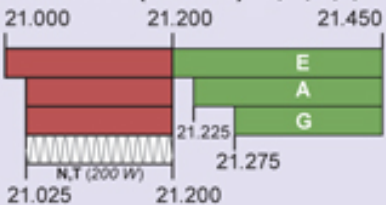
20 Meters (14 MHz) E,A,G



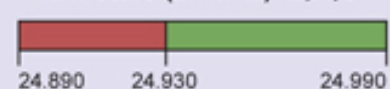
17 Meters (18 MHz) E,A,G



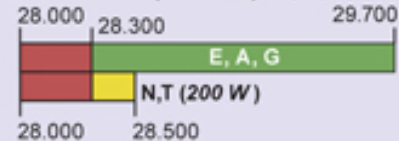
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

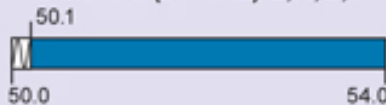


10 Meters (28 MHz) E,A,G,T,N

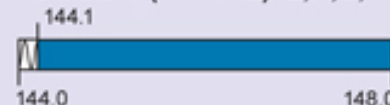


VHF – Very High Frequency bands

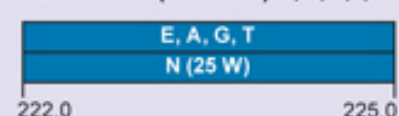
6 Meters (50 MHz) E,A,G,T



2 Meters (144 MHz) E,A,G,T

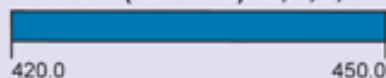


1.25 Meters (222 MHz) E,A,G,T,N

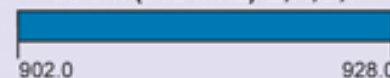


UHF – Ultra High Frequency bands

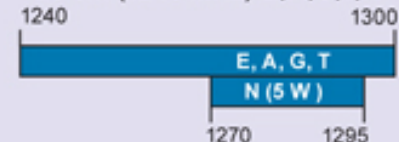
70 cm (420 MHz) E,A,G,T



33 cm (902 MHz) E,A,G,T



23 cm (1240 MHz) E,A,G,T,N



SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz 3400-3450 MHz 10.0-10.5 GHz 47.0-47.2 GHz 122.25-123.0 GHz 241-250 GHz
 2390-2450 MHz 5650-5925 MHz 24.0-24.25 GHz 76.0-81.0 GHz 134-141 GHz All above 275 GHz

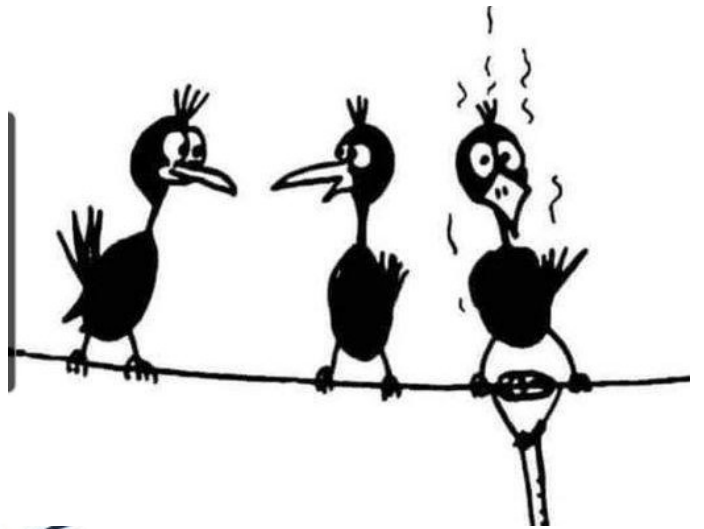
See www.arrl.org/band-plan for detailed band plans.

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 OTAbands rev. 2/10/2023



You can never have too much coffee

Jewelz Gemz



For when you polka hole in your tire.



"All these damn deer on the highway"
"Those are people Margaret, and you're on the sidewalk"

