



MEGAHERTZ TIMES

August 2024

W3AI

PO Box 336, Perkasio, PA 18944

R F Hill Amateur Radio Club 2024

President: Cary Binder, NI2Q
Vice President: Jim Soete, WA3YLQ
Secretary: Jim Reed, KC3LXV
Treasurer: Tom Dumire, K3KKI
News Editor: KS3Z, Charles Schmell
ks3z@comcast.net

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 normally 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.
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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



**The August Club meeting
is on Thursday, July 25th
Club PICNIC
6:30 pm
Menlo Park, 4th and Park Ave.
Perkasio, PA**

August Club Meeting:

PICNIC!!! RF Hill Annual Club Picnic Thursday August 29th Festivities Begin at 6:30PM Menlo Park in Perkasio

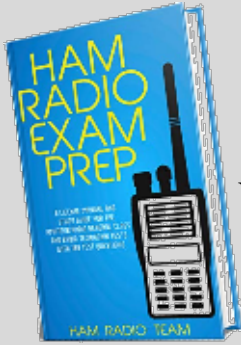
The Board hosts this affair and supplies burgers, dogs, rolls, condiments, water and picnic supplies. Members are asked to bring a side dish to share with the group. Sides may include salads, munchies, desserts or any other treat of your choice. Members, family members and friends are invited. Please post to the reflector the number in your party and the side you will be bringing.

SET UP begins at 5:45. If you can come a little early to help, that would be great! The WX forecast looks good for the week, so come on out and socialize!

See you at the Picnic.

73 - Jim, 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:

September 16

October 20 (at Hamfest)

November 18

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

SEPPATN Net Control Stations

08/25, 08/28 KB3DEN	11/13 WA3YLQ
09/01, 09/04 WA3YLQ	11/17, 11/20 KB3DEN
09/08 NE3I	11/24, 11/27 WA3YLQ
09/11 WA3YLQ	12/01 NE3I
09/15 NE3I	12/04 WA3YLQ
09/18 WA3YLQ	12/08 NE3I
09/22, 09/25 KB3DEN	12/11 WA3YLQ
09/29, 10/02 WA3YLQ	12/15, 12/18 KB3DEN
10/06 NE3I	12/22, 12/25 WA3YLQ
10/09 WA3YLQ	12/29 NE3I
10/13 NE3I	01/01 WA3YLQ
10/16 WA3YLQ	01/05 NE3I
10/20, 10/23 KB3DEN	01/08 WA3YLQ
10/27, 10/30 WA3YLQ	01/12, 01/15 KB3DEN
11/03 NE3I	
11/06 WA3YLQ	
11/10 NE3I	

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



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.

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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<http://twitter.com/W3AI>



RF Hill SEPPATN July Report

RF HILL SEPPTN Report July 2024

QNI = 65

QTC = 5

In 9 Sessions

That's just a little over 7 Check-in's per session.

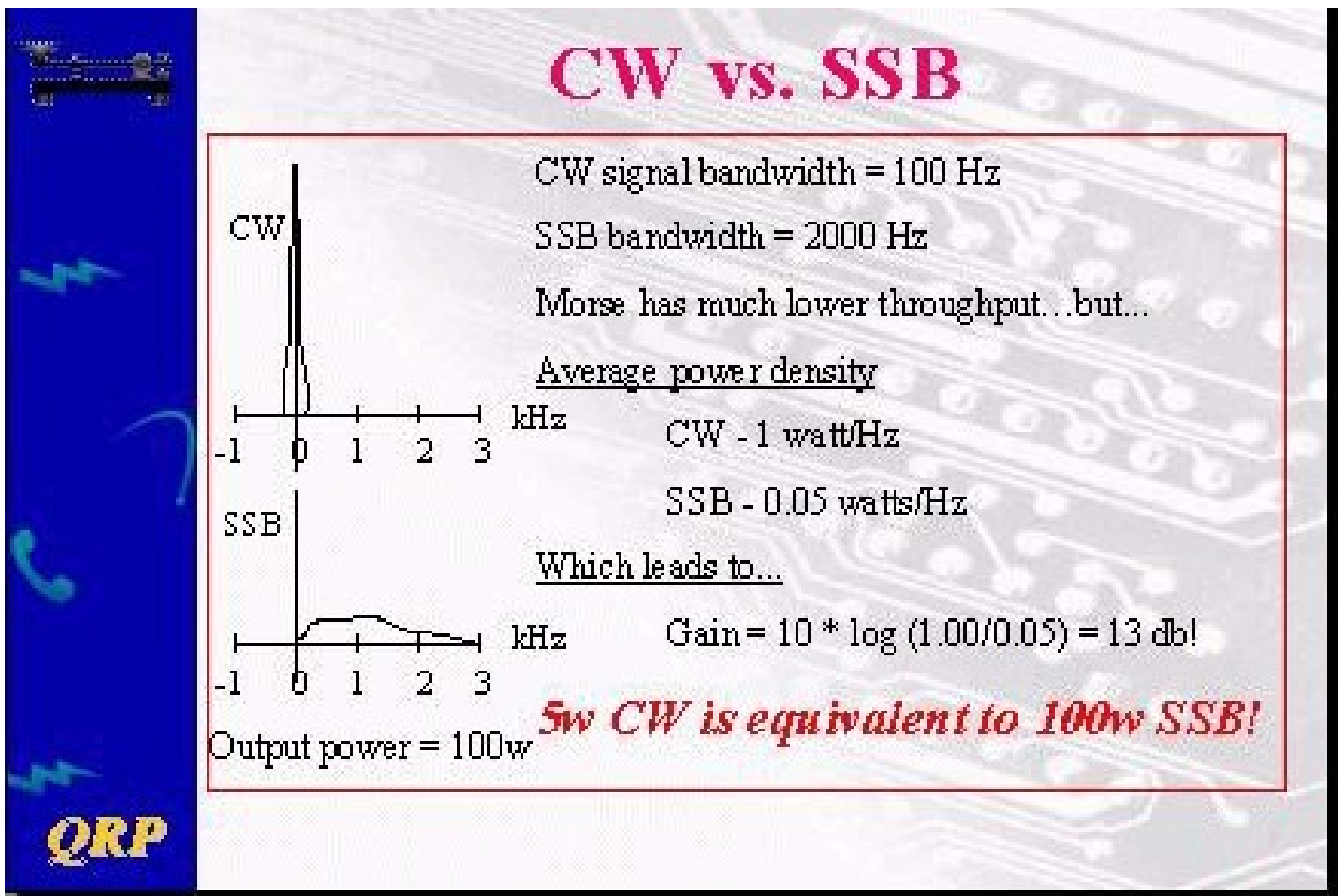
It looks like participation has dropped-off a little over the summer.

73, Jim KB3DEN

Signals Newsletter – ARRL EPA SECTION

The link below contains instructions to subscribe to postings from the ARRL EPA distribution system including "Signals" the bi-monthly newsletter.

<https://epa-arrl.org/signals-newsletter/>



RF Hill ARC July Meeting Minutes

Meeting Date: July 25th, 2024

The meeting started at 7pm outdoors at Peter Becker. Members displayed their mobile equipment and we also participated in some tailgating. Participation certificates were issued by VP Jim WA3YLQ.

Welcome/Call to Order: President Cary, NI2Q

Fifteen members were present along with two guest- Mark Hinkel WA3QVU and Jayson Hinkel WA3KSK.

Pledge to the Flag-

President- Cary called the business portion of the meeting to order at 8pm. He discussed the need for volunteers for the upcoming club picnic and the ES 100 Endurance Race slated for August 10-11th in Williamsport, PA.

Vice President- Jim WA3YLQ discussed the club picnic, August 29th at Menlo Park, Perkasie, PA. Setup at 5:30PM. The picnic starts at 6pm. The club will supply hamburgers and hot dogs. Covered dishes are needed.

Secretary- Karen N3QQT and Kevin KW3P made a motion to approve the June minutes as submitted in the MHz Times.

Treasurer- Tom K3KKI reported on income and expenses. Len N3EOE and John WB3ABH made a motion to approved the report as submitted.

Committee Reports- Repeater- is in good standing,

VE Session- no candidates at the last session.

MHz Times- Articles are needed. Contact Charles KS3Z.

SEPPATN- Volunteers are needed for Net Control.

WA3JRS 10 Meter AM Net- needs participation.

FEDS- Quiet due to vacations and weather.

Old Business- The Board discussed the need to clean and inventory the trailer. A date will be set for this project.

New Business- The upcoming Hamfest was discussed. Volunteers are needed to plan and organize this event. The September regular meeting will be devoted to site layout, finalizing a location for a base location and where to place ticket sellers and parking attendants.

Adjournment- 8:25pm.

Respectfully submitted,
Jim Reed, Secretary
KC3LXV

Mobile / Portable Ops night



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

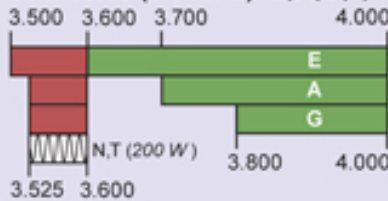


160 Meters (1.8 MHz) E,A,G

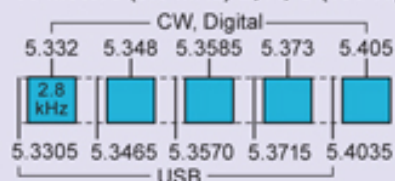


HF – High Frequency bands

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

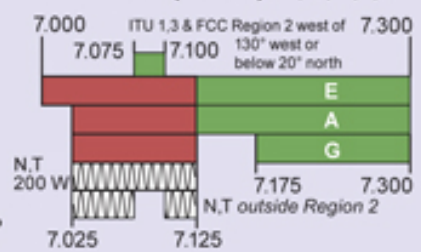


60 Meters (5.3 MHz) E, A, G (100 W)



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



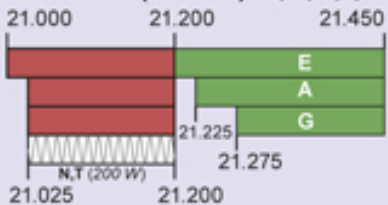
20 Meters (14 MHz) E,A,G



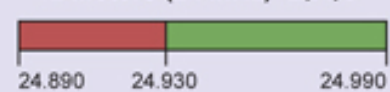
17 Meters (18 MHz) E,A,G



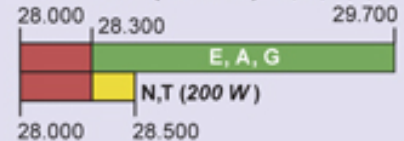
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

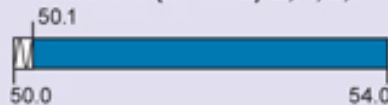


10 Meters (28 MHz) E,A,G,T,N

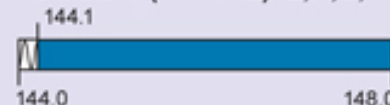


VHF – Very High Frequency bands

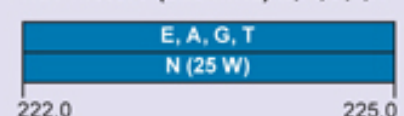
6 Meters (50 MHz) E,A,G,T



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



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



UHF – Ultra High Frequency bands

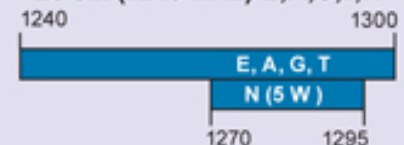
70 cm (420 MHz) E,A,G,T



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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SECRET RADIO AERIALS

