



MEGAHERTZ TIMES



June 2025

W3AI

PO Box 336, Perkasio, PA 18944

R F Hill Amateur Radio Club 2025

President: Cary Binder, NI2Q
Vice President: Jim Soete, WA3YLQ
Secretary: Vacant
Treasurer: Jim Reed, KC3LXV
News Editor: KS3Z, Charles Schmill
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

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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.

Simple PDFs MAY be acceptable.

Send to ks3z@comcast.net



June Club Program

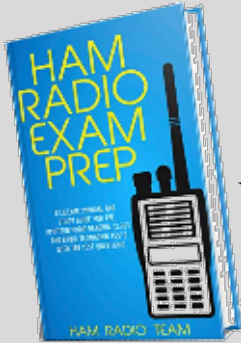
Final 2025 Field Day Briefing

Field Day is this Weekend, June 28th and 29th. Set up begins at 8:00 AM on Saturday. This is an all-hands effort. We must set up the HQ/Canteen Canopy, erect several antennas and organize the trailer and site. Station locations will have to be decided upon, and rigs set up.

Operating period begins at 2 PM. Break down will begin at 2 PM Sunday. We should be wrapped up by 4 PM. Looking forward to seeing many of you there Sat. AM.

73 de 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



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 ARC Ten Meter AM Net: 29.005 MHz 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.

Scheduled VE Exam Sessions

Remaining 2025 Dates:

July 21

September 15

October 19 (at Hamfest)

November 17

Pre-registration recommended; so candidates know what to bring to session. Direct questions to Kevin KW3P at kw3p@arrl.net or by cell phone at 215-378-6978.

SEPPTN Net Control Stations

06/18 KB3DEN	08/13 KW3P
06/22 WA3YLQ	08/17 KB3DEN
06/25 KW3P	08/20 KB3DEN
09/29 WA3YLQ	08/24 WA3YLQ
07/02 KW3P	08/27 KW3P
07/06 KB3DEN	08/31 WA3YLQ
07/09 KB3DEN	09/03 KW3P
07/13 WA3YLQ	09/07 KB3DEN
07/16 KW3P	09/10 KB3DEN
07/20 WA3YLQ	09/14 WA3YLQ
07/23 KW3P	09/17 KW3P
07/27 KB3DEN	09/21 WA3YLQ
07/30 KB3DEN	09/24 KW3P
08/03 WA3YLQ	09/28 KB3DEN
08/06 KW3P	10/01 KB3DEN
08/10 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)
NPARC 10 meter net	Tu	8 PM	28.370 USB



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RF Hill ARC May Meeting Minutes

Date 05/24/25.

Welcome/Call to Order/Pledge to the Flag – WA3YLQ

Roll Call 16 ARO's Present (Meeting held in small first floor dining room)

Officer Reports:

President Absent

Vice President Jim, WA3YLQ reported the following: The June meeting will be the final FD briefing. Also, a short program. July meeting will be Portable/Mobile Night. Details will be posted on the reflector. Club Picnic will be on August Meeting Date. Tonight's program will be initial FD planning.

Secretary vacant April minutes published in MHz Times. Motion to accept as published made by WQ3Z, seconded by W3TFF. No discussion. Motion carried.

Treasurer Jim, KC3LXV, reported that he gave a check to KS3Z for Stationmaster purchase. Charles is working on this. All accounts are up to date. \$68.00 in dues received. Motion to accept report made by KS3Z, seconded by WA3NFV. No discussion. Motion carried.

Committee Reports

Repeater KS3Z is making final arrangements for Stationmaster purchase. Machines are up and running. Linked for Net sessions.

VE KS3Z ran the May session. No candidates appeared.

MHz Times Get your articles into Charles!

SEPPATN Report published in MHz Times. KB3DEN reported good activity. NCS stations are needed for the SEPPATN schedule.

WA3JRS 10 Mtr Net Up and running. Participation continues.

Feds (Sun PM) Up and running Sundays PM. The Board will investigate Clubs Liability coverage extending to members operating independently in the field on a casual schedule.

Old Business none

New Business none

Adjournment Motion made by W3TFF, Seconded by KB3DEN. Meeting adjourned.

Program: Field Day overview and planning. Presented by WA3YLQ

Respectfully Submitted: Jim Soete, Recorder

RF Hill SEPPATN May Report

QNI (Check-ins) = 81

QTC (Messages passed) = 2

In 8 Sessions

That's an average of over 10 Check-in's per session!

Thanks!

73's

Jim – KB3DEN



Net Controls needed! See Jim, KB3DEN or an officer!

RF Hill ARC Future 2025 Club Programs

July Meeting Program

The July Meeting will be Mobile/Portable night. We meet in the PBC Parking lot at 7 PM. Show off your Field set up and/or your mobile installation. Also, we will have a “casual” tail gate sale. If you have any “goodies” you would like to part with, bring them along. PLEASE! No large table set up or BIG gear. This is a LOW-Profile event. We will meet for our Business meeting at 8PM inside. More info will follow on the reflector.

August—Annual Club Picnic at Menlo Park, Perkasio, regularly scheduled Meeting date at earlier hour.

Programs needed for September and October. Suggestions welcomed!

RF Hill Badges Available

RF Hill has badges available for members. Charles, KS3Z, is the producer of this coveted item.

If you would like one, post a note to Charles on the Reflector or see him at a Club meeting.

Badges usually contain Call, First Name and City/Town.

Note that they will not mail these.

Please plan to pick yours up at a Club Meeting



ARRL Field Day

Sat June 28- Sun June 29

(Always the last full weekend of June.)

RF Hill ARC will be participating from Markley Memorial Park,
Rt. 563, Perkasio, PA. All invited and welcomed!

RF Hill VE Session

Next session will be held July 21, 2025. Always looking for candidates or VEs.



Who's in Control of Your Field Day Station?

The ARRL is always answering questions about FCC rules as they apply to Field Day. Of course, every station must have a control operator (97.103). On Field Day, you often operate using someone else's callsign, or a club callsign. The station licensee or club call trustee is ultimately responsible for all transmissions from their station. During Field Day, many amateurs often use a single call sign, so the station licensee must designate a control operator(s) who is responsible for the operation of that station when the licensee is not in direct control. **Both the station licensee and the control operator are equally responsible for all transmissions (97.103(a) and (b)).** When the station licensee designates others as control operators, they should make a note in the log. You are no longer required to carry a photocopy of your license whenever you are the control operator of a station, but it's still a good idea. **A third-party is defined as anyone who does not have operating privileges on the frequency and mode being used.**

Q. Are there any exceptions to the FCC rules for Field Day?

A. No, FCC Part 97 rules apply 24/7 every day of the year – no exceptions.

Q. The trustee of our club callsign is an Extra. Does this mean our station can operate on any frequency?

A. No. Many people mistakenly believe that a club callsign automatically carries the operating privileges of the callsign trustee. That is not true. **A club callsign comes from a station license and carries no operating privileges. A station may only operate according to the privileges of the Control Operator at the control point for that station.** Example, if a control operator is a General, that transmitter may only operate using General class privileges.

Q. My call is being used for Field Day, but I can't be at the station for the duration of the contest. (I like sleeping in my air-conditioned house, even during Field Day.) Do we have to take the transmitter off the air when I am not present?

A. No, you may designate a control operator or operators who should fulfill your duties as the station licensee. In fact, you don't have to be there at all, but you are responsible for making sure that the appointed control operator(s) is capable of carrying out your wishes (97.103(b) and 97.105). After all, if there is a problem the FCC is going to contact you as the licensee or trustee of a club call.

Q. Can KB1ZDZ, a General class licensee, operate at the station of N1ND, an Extra Class licensee, during Field Day? Can he operate in the Extra Class segment even though he only holds a General class license?

A. The answer to the first question is "yes" – he may operate using his license privileges from N1ND's station. However if he wishes to participate on frequencies other than those his license allows, there must be a control operator with privileges for the desired operating frequencies continuously monitoring and supervising the operation at the control point of the transmitter. FCC rules state that **"A control operator must ensure the immediate proper operation of the station."** (97.105(a)). The rules go on to say, "A station may only be operated in the manner and to the extent permitted by the privileges authorized for the class of operator license held by the control operator" (97.105(b)).

Q. I am an Extra Class licensee, but I am going to use a Technician class operator's station and call sign during Field Day. Can I legally operate her station and use her call outside the Technician subbands?

A. You, the Extra, can be designated as the control operator. If you are authorized by the licensee, you may use the call sign of the Technician class licensee and operate within the Technician class privileges. However, if an Extra Class control operator wants to operate outside the Technician class operator privileges, they may do so, but must identify by appending their call to that of the Technician, such as signing "KB1ZDZ / N1ND" on CW or separating the calls by the word "stroke" on Phone (97.105(a) and (b), 97.119(d)). True, this is a long identification procedure, but it is the only way to identify in this case. Why would an Extra want to use a Technician call? Well, that may not always be the case, but it clearly illustrates the point.

Q. What is the identification procedure for a club station license during Field Day?

A. A club station license carries no operator privileges. The person designated as control operator for the station must use his or her own privileges. If operation takes place in the Extra class part of the band, there must be an Extra class control operator present at the control point monitoring and supervising the operation. This does not necessitate the use of the supplementary station ID as mentioned in Section 97.119(e).



2 Meter repeater update

The 2 meter W3AI replacement machine is now in service, with an updated controller and voting receivers.

Transmitter and receiver are still at the Water Tower, with remote receive sites at the 440 site and one further south. Link radio to 440 repeater is back in service., repeaters are linked for the SEPPATN nets.

Many thanks to Brian, N3EXA for his tireless help on this project .

Charles, KS3Z

(At right) - Equipment, top to bottom:

GE 1/4 KW repeater amp (not fully driven)

Blower for same

12 volt and tube power supplies

ARCOM RC-210 controller

LDG receiver voting controller

Bottom: Motorola CDM-750 exciter, receivers, Control receiver, SM50 Link radio



EZ Pix

Some pictures copied from EZ Pix by Lamar, K3UCI

