



THE HARC SPARK

The Official Newsletter of the
Holmesburg Amateur Radio Club
501(C)(3) Charitable Organization
WM3PEN 146.685 Mhz Repeater
K3RJC 444.9 Mhz Repeater
K3FI – Club Calls – WM3PEN
Web Site <http://www.harcnet.org>
WM3PEN@aol.com



Editor: K3UJ

May, 2023
Revised

Prez Sez!

The weather couldn't have been better for the Warminster ARC Hamfest the first Sunday in May. We sold some items at our tables, used the opportunity to pick up radio parts cheaply from the vendors, and of course enjoyed seeing friends from other clubs.

We are so pleased to be back at the Philadelphia Protestant Home for our meetings. The April meeting was fun, and the new room was perfect. I will try to book local (i.e., live) speakers as often as I can, while keeping in mind the wonderful speakers from elsewhere that are available via Zoom. Eventually, using our ARRL grant to buy the necessary equipment, we'll be able to hold "hybrid" meetings, live and zoom at the same time.

Though I will announce this elsewhere, please keep in mind that our annual election will be held at the May 17 meeting. We're very anxious to accept nominations for the various officers and board members. You can even nominate yourself! Also, please remember that 2023-24 dues are due in May (\$20 by postal mail or PayPal, instructions to be posted on our IO group).

Saul W3WHK

November Trivia Question?

What was Heathkit's first offered product?

Annual Election

The annual election of officers for the Holmesburg Amateur Radio Club and other members of our Board of Directors. will be held at the May 17th meeting. If you would like to nominate someone or are interested in running for a position, please send that information to: Saul W3WHK – saulbro@yahoo.com

Here is the proposed slate. Please consider stepping up if you'd like to participate in running the club. A description of the duties involved can be provided upon request.

President - Saul W3WHK
Vice President - Rich K3UJ
Acting Secretary - W3WHK
Treasurer - Bob WA3PZO
At-large - Tony WO3I (2-year term)
Continuing at-large - Austin KA3TTT (1 yr. left)

If we should not have any upcoming nominations or objections, we'll vote at the next meeting to install these board members "by declaration". The meeting will also be on Zoom, and voting from there will be possible.

Non-elected positions are open to volunteers at any time. These are also part of the board. Current holders:

Tech Chairmen: Ron K3RJC, Chris KC2ISV
Net Manager: Austin KA3TTT
Webmaster/Newsletter Editor: Rich K3UJ
WM3PEN Trustee: Bob WA3PZO
K3FI Trustee Steve: W3AZT

HARC Membership Dues

If you have not renewed yet, please do so.

Club membership begins on May 1st.
Full member (licensed ham) @ \$20
Family member (licensed ham, after first member pays full dues) @ \$5 (Name, Call)
Associate member (unlicensed person) @ \$5

Make checks payable to H.A.R.C and mail to:
3341 Sheffield Ave,
Philadelphia, PA 19136

Please add a note with your:

Name
Call
Address
Phone Number
E-Mail address
Note if you are an ARRL member

As alternative use PayPal:

Wm3pen@arrl.net

and put the information in the note box.

When sending in dues via Paypal using the web interface the procedures changed for submitting dues as a friend.

On \$20 there is a \$1.07 service fee. If you use the Donate button there is a 2.89% of the transaction plus a \$49 fixed fee. Currently out of the \$20 that you submit the Club gets \$18.93.

By using the attached guidelines there will be no service fees.

With Sadness

Beth Ann Josuweit (nee Johnson) (April 13, 2023). Beloved wife of Robert A. Josuweit - WA3PZO. Beloved sister of Daniel Johnson, Jamie Licznanski, Jesse Johnson, and Susan Jones. While extremely limited in activity over the past 5 years she kept fighting to become as independent as possible. She prepared meals with help and created an extensive portfolio of adult coloring book artwork. She often talked about how she missed her ceramics and paper craft work. She supported Bob in his efforts to get back in the office and continue with his hobbies.

Beth was always very supportive of the club. She sometimes sat in the back of the meetings when we met at the police station, was with us at the Frankford Ave.

Thanksgiving parades, attended our summer picnics, and I'm sure did much more behind the scenes. Unfortunately, she never got to organize the HARC "Women's Auxiliary" she once imagined.

Meeting Location

We are back. April meeting was in the new room, "The Learning Center". It is a very nice room and will serve us well. There are still a few details to be worked out with the Philadelphia Protestant Home and the board will address these shortly, and we might still have a few Zoom meeting till all of the AV equipment is acquired.

Due to the room change, the day and time had to be adjusted. We now meet at 7:30 on the third Wednesday of the month.

In the meantime please join us at the Philadelphia Protestant Home, 6401 Martins Mill Road, Philadelphia, PA 19111, on the second floor of the main building. You will need to wear a mask to enter the building and come upstairs. It can be removed after you are in the room.

Mnemonic's

Here are a few memory helpers to help us remember those tricky bits of electronic information.

.....
Big Boys Race Our Young Girls But Violet Generally Wins

Black 0, Brown 1, Red 2, Orange 3, Yellow 4, Green 5, Blue 6, Violet 7, Gray 8, White 9

Resister color code, also used on molded inductors and some capacitors.

Same code, different words, and this one is actually more appropriate, I never heard it before:

Badly Burt Resistors On Your Ground Bus Void General Warranty

Hint: Use colored tape on your antenna cables. Red stripe – 2M antenna, blue stripe is 6M.

.....
**Twinkle twinkle little star,
power equals I squared R**

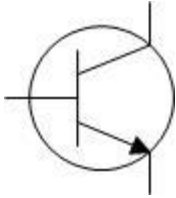
Watts are amps squared times resistance.
.....

ELI the ICE man

In an inductive (L) circuit, voltage (E) leads current (I) - ELI. In a capacitive (C) circuit, current leads voltage - ICE

Not Pointing iN

NPN transistor schematic symbol, the arrow does not point in.



From The Past

My dad never talked much about WWII and his time in the service and I never knew him as a writer but I guess he was. This is from Marine A school 1943.

My brain here of late is quite confused
With all sorts of words I have never used.
The subject is r-d-r --- that's all I can say.
A military secret must stay that way;
But some of the things I'm permitted to tell
Will sound quite confusing to you as well.

The electron theory they try to make plain,
But somehow or other it swims in my brain.
Then come antennae with resonant waves,
Followed by "long-wire directive arrays."
But there is one thing that doesn't make sense:
Tell me, why does a condenser condense?

Next come the amplifiers, "A", "B", and "C",
But somehow it means very little to me.
With diodes and triodes going 'round in my head,
I think I'd do better by staying in bed.
But there is one question, whose answer I seek:
Can anyone tell me what makes a grid leak?

With ohms and henrys and farads and amps,
And ions, electrons, and cathode ray lamps,
All jamming their way into my thick skull,
It slowly sinks in --- just how I can't tell.
So maybe, some day, if I reach my ambition,
I'll rate the title of r-d-r technician.

WM3PEN

Origination of WM3PEN – The Spirit of '76

The Yankees are coming....The Yankees are coming!
Well not quite. The early 1970s was buzzing with the notion that the Bicentennial of the United States was occurring in 1976. Large celebrations and parades were being set up in Philadelphia.

Amateur Radio was ready for a party. In fact the last ARRL Convention held in Philadelphia was in the 1920s. The Bicentennial Atlantic Division Convention (BARCC) was to be held in July 1976 at the Ben Franklin Hotel on Chestnut St.

BARCC minutes in December 1974 show that W3PST was going to ask Philmont to apply for a special event call (WM3PEN). A contest was held to design the first WM3PEN QSL card. John York, K3GGA, was the winner and the card was set to be used during the convention.

Dave Zimmerman, W3ZD, BARCC Chairman, wrote York "Your design was far and above the outstanding favorite of those voting, and this card may well be the most outstanding QSL card I have ever seen. It is our plan to put your design into print and to send out a good many of them during the Bicentennial year. Your name will be added to the bottom as a credit to the designer."

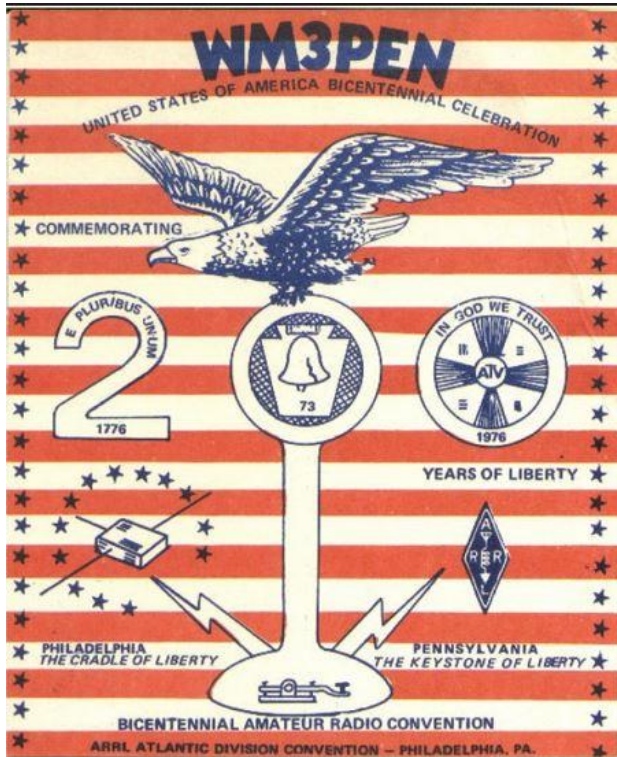
York worked at the Frankford Arsenal in the Publications Division, Fire Control Maintenance Support Directorate. He said he started his design with the number 200 – after that it just evolved as other ideas came to him.

By December, 1975 Dan Sutton, WA3BKR, showed the BARCC Board a mockup of the WM3PEN qsl card. 5000 qsl cards were ordered. One was to be given to each person registering for the convention. Several clubs in the area were given the opportunity to use WM3PEN between June 26 and July 25, 1976. There was even one day that the call was on the air from Independence Mall.

Following the Bicentennial WM3PEN was not available until the mid 1990s when vanity callsigns were introduced. Bob, WA3PZO, applied for a Club call in late 1998. HARC was issued KB3DGO. Bob immediately applied for a Vanity Call, WM3PEN, which was issued January 28, 1999.

By 2006 WM3PEN was becoming known to the world as HARC participated in the ARRL **Hello Radio** campaign

which highlighted the fun and friendships of ham radio. In 2011 WM3PEN became a bonus station for the yearly 13 Colonies Special Event. In 2015 WM3PEN joined 4 other special event stations during the Pope's visit to Philadelphia. Since 2011 WM3PEN has made over 85000 contacts. A special qsl card was designed for each year and event.



HARC on the Air

Field Day
June 24-25

Holmesburg will not be hosting a Field Day location this year. Club members are invited to come out to the Phil-Mont club's FD setup at Fort Washington State Park.

13 Colonies Special Event
July 1-7

This will be the 15th year for the event. This year's theme will be signers of the Declaration of Independence. Each special event station from the 13 Colonies will feature a person from their state. Our friends in England and France will feature a key person related to that period of history. The WM3PEN QSL card will feature Benjamin Franklin.

Last year WM3PEN made over 12000 contacts during the week long event and we are looking to beat that. This is a fun and exciting challenge. Interested in participating as a WM3PEN operator? Contact WA3PZO@aol.com

New Members

Welcome Drew McLukie, W3ZW

Stay Connected!

The HARC Club net meets every Thursday night at 8 PM on the Club repeater. Check in and see what's going on. Net control, Austin – KA3TTT.

Please note the day change. As club meetings are now on Wednesday, the net has been moved to Thursday's. Same time.

Meetings

Club meetings are held the third Wednesday of the month at the Philadelphia Protestant Home, 6401 Martins Mill Road , Philadelphia, PA 19111. Time is 7:30PM.

Upcoming Topics

May 17, 2023
Steve - K3FZT "WIRES-X Yaesu System Fusion"

June 21, 2023
13 Colony planning and Field Day visit to PhilMont's setup.

PHILA ARES INFORMATION

All amateurs interested in participating in ARES should check into the Phila ARES Net, Sunday's at 9:00 PM, local time, hosted on the Phil-Mont Repeater System; 147.030 MHz (+offset 91.5 PL) ;444.80 MHz (+offset 186.2 PL) When control operators are available, Echolink node 29742, WU3I-L, is on the repeater. Backup link is KB3IV-L.

All amateurs are welcomed and encouraged to check in for more information. There is always a different topic of interest to the amateur community discussed with an informal round table of comments and suggestions.

HARC member, Cliff – KC3PGT, is the Philadelphia Emergency Coordinator, Section 1, EPA Region.

We look forward to hearing everyone on Sunday nights @ 9:00 pm. See web site for more information.

- Visit the Philadelphia ARES web site
<http://www.phlares.org/>

HF AWARDS MANAGER

Are you getting close to having all 50 states confirmed for the Worked All States award or working enough grid squares for to qualify for the VUCC Award? As a HARC service you can now have your QSL cards verified by Bob, WA3PZO, and not have to ship the cards to ARRL Headquarters. You must be an ARRL member to qualify for the awards.

Additional information and links can be found on the HARC website
(www.harcnet.org)

SFTW

Stamps For The Wounded

We are still collecting and sending packages of stamps in support of this very worthwhile program. Save what you can, especially those foreign QSL mailings, cut off the corner of the envelope, leaving at least a 1/4" around, and bring them to the meeting or mail to:

Rich Shivers
9029 Eastview Rd.
Philadelphia, PA 19152

Associations

SKCC – Straight Key Century Club #24642 under both WM3PEN and K3FI.

Ten-Ten International #71057
PODXS 070 Club #1493 (PSK activity)
ARRL Special Services Club

Helping Hams

Would you like to assist your fellow club members? Do you have an expertise in any particular area and would like to make that available to other hams? If so, let me know and I will add you to our list here.

eMail Rich – K3UJ ab3eo@comcast.net

Kit building. - I will offer assistance, finish something started or do a complete build for you.

Rich – K3UJ ab3eo@comcast.net

Antenna installation

Carl – N3ZZK Carl9521@aol.com

Dave – KB3AKK kb3akk@hotmail.com

2M/440 Digital modes

Jim – AJ3DI aj3di@jedijf.com

CW & Contest operation

Saul – W3WHK saubro@aol.com

Your Contributions

Please tell us what you are doing. Have you received any awards, upgraded your license, done any activations, (SOTA, IOTA, etc), built something special. Or if you would like to write an article. We would be happy to receive all material. Email Rich AB3EO@comcast.net

HARC Board of Directors

President - Saul Broudy, W3WHK
Vice President - Steve Miller, W3AZT
Treasurer - Bob Josuweit, WA3PZO
Secretary - Saul Broudy, W3WHK
Members-at-large - Austin Seraphin, KA3TTT
Rich Shivers, K3UJ
Technical - Ron Cardullo, K3RJC
Chris Cardullo, KC2ISV
Webmaster & Newsletter Editor - Rich Shivers, K3UJ
Net Manager - Austin Seraphin, KA3TTT
WM3PEN Trustee - Bob Josuweit, WA3PZO
K3FI Trustee - Steve Miller, W3AZT

WM3PEN @ AOL.COM

Trivia Question Answer.

An airplane kit. Edward Heath died during a test flight in 1931.