

# Harrisburg Radio Amateurs' Club Newsletter

HRAC meets the second Wednesday of each month at 7:00 pm at HACC, Shumaker Public Safety Center, Gate 5 on Industrial Road in Harrisburg (Elmer Time starts at 6:30PM)

## CLUB OFFICERS

### **PRESIDENT**

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shelbyminier@gmail.com

July Firecracker Hamfest Date is Saturday July 5<sup>th</sup>.  
Flyer appears at the end of this newsletter!

## **From the Desk of the President.....**

Another month has passed and it has seen a good bit of activity in the area of ham radio. There were a couple of good contests during March; the Russian DX contest and the CQ WPX contest. I am by no means a "contester" but I did have a lot of fun working those two, although the activity level in the Russian DX contest was a bit lower than the CQ WPX contest. I'm also not an award chaser, but I enjoy logging a new country, whether I get a card for it or not. The fun is in the contact itself.

But now it's time to look forward again. The Firecracker Hamfest is about three months away and things are coming together nicely. We have flyers to distribute, so if you plan on attending any of the upcoming hamfests, let me know and I'll be happy to give you a supply of flyers to take with you.

Even if you don't want to hand out flyers, you can do word-of-mouth advertising by spreading the word around about the hamfest whenever you get an opportunity. Whether it's talking with folks at a hamfest, having coffee at the local diner or just rag-chewing on the air, any mention of the Firecracker hamfest is as good a handing someone a flyer.

There's also an article about the Camp Muckleratz Horse Ride coming up at the end of July. This is a great opportunity to get out in the field and support the local community but providing communications for the event. I have worked this event in the past and wholeheartedly recommend it if you want to try your hand at working under field conditions.

The entertainment planned for this month's meeting looks to be very interesting. We'll have Herm (W3OBY) finishing up his presentation on Smith charts. Then Rich (KB3YRC) will be showing us the latest in SDR receiving using a USB dongle.

As a matter of fact, I've been playing with one of those dongles myself, using it as a virtual radar receiver and tracking aircraft in the local area. It's not really radar in the traditional sense, but rather a software defined receiver to pick up the signals from a new generation of transponder that is being introduced in the aviation world and is supposed to become mandatory equipment in a few years. It's still pretty interesting to be able to see what's in the air within a couple hundred miles and where it's going.

Well, that's about all for this edition. I look forward to see you at the next meeting.

73,

Tim (KB3OZA)  
President

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## March Meeting Minutes

The March 12, 2014 meeting of the Harrisburg Radio Amateurs Club was called to order at 1900 HRS by the president, Tim (KB3OZA) followed by introductions. There were 14 members present.

**Secretary's Report** – January and February minutes were published in their respective newsletters. Motion made by Chuck (N3WL), and seconded by Rick (K2RBT) to accept the minutes as published. Motion PASSED.

**Treasurers Report** – Joe (KQ3F) presented the treasurer's report. Rick (K2RBT) made a motion to accept the treasurer's report as read, seconded by Doug (K3DRE). Motion PASSED

**VE Committee** – No report. (not in attendance)

**Trustee** – No report. (not in attendance)

**Membership Committee** – The club has 91 paid members, of those, 61 are ARRL members. 67% of the club are ARRL members.

**Newsletter** – No report. (not in attendance)

**Web Page** – The website now has a forum that you can register for, go to w3uu.org to sign up. There are fail-safe's in place so that a robot can't use it. Also, the forum is being heavily monitored for appropriate content. This is not intended to replace the Yahoo Group.

**EMCOMM** – Doug (K3DRE) reported that PEMA (Pennsylvania Emergency Management Agency) was activated three times during the last month due to snowstorms. PEMA wanted local hams available to give reports, however there was not a lot of response from the Central PA Hams. PEMA and company were operating on HF Digital and also on the local repeaters. There were over 200 messages but only 2 messages were from Central PA. In hindsight, Doug (K3DRE) feels he should have put this on the Yahoo Group to ask for volunteers. PEMA was looking for actual snow fall, falling trees, power lines down and road conditions. Doug feels that PEMA should contact Skywarn to call for help, which may get the local hams more involved. Susan is the new person in charge of amateur radio items out of PEMA. PennDot was really relying on reports from ham operators; the plow drivers were even calling into PEMA for updates. More emergency operators are needed – in order to qualify you must take the FEMA (Federal Emergency Management Agency) ICS (Incident Command System) classes 100, 200, 700, and 800 courses. PEMA has great up-to-date radios.

**DXCC** – No report (not in attendance)

**Entertainment** – April will be a presentation by Herm (W3OBY) on the "Smith Chart" before the meeting during Elmer Time.

Post meeting presentation will by Rich (KB3YRC) on SDR dongle receiver.

**Field Day** – *(June 28 & June 29, editor's note)*

This year, just like the previous two years, Field Day will be held at the Shumaker Public Safety Center, Gate 5 off of Industrial Road at HACC. The pavilion is reserved for our use.

Discussion about use of buddiepoles ensued...and how the use of buddiepoles would make field day a little easier and also be a learning experience about the use of this product.

Coordination about getting the Field Day supplies from the storage shed was discussed.

Set-up may begin at 2pm on Friday before the Field Day event.

**Hamfest Committee-** No Firecracker Hamfest flyers have been mass mailed yet. Terry (WB3BKN) has the flyers to distribute to members so that the members can hand out these flyers to local shops (electronics, RadioShack, music shops, etc). In previous years, the president usually did mass mailings to out-of-area clubs. Also, Terry (WB3BKN) is encouraging members to go to hamfests and approach vendors with our flyer and talk about our hamfest event and invite them to attend. The webmaster will put the countdown to the hamfest on the website.

Joe (KQ3F) has the tickets from Winterfest to be put into the email database.

The seminars at the Firecracker Hamfest may possibly be streamed on the internet. Terry, (WB3BKN) is working on this technology, as he has the equipment necessary for this. All is dependent on the bandwidth we can get.

It was suggested that we can possibly also do a brief streaming about our Firecracker Hamfest event during our Field Day event. Practice sessions will be done prior to doing this.

**Elmer Time** – Covered under entertainment.

**Old Business** – We still have a door prize from the 2013 Firecracker Hamfest and can't make out the winner's complete call sign on the winning ticket. Numerous call sign combinations have been tried to figure out who this person is and how to get in contact with them. Attempts will continue at trying to locate this mystery person.

**New Business** - None

**Good of the Club** – Terry (WB3BKN) recently went to the Lancaster emergency ops center because the EOC wanted an upgrade. The radios were set up unlike anything he has ever seen. The existing set-up is about 20 years old, had no station ground, and the radios were old. Terry recommended what this EOC should upgrade to – covering radios to antennae and everything in between. The EOC will be getting their new set-up possibly in April.

**Adjournment** – There being no further business to conduct, Doug (K3DRE) made a motion, seconded by Pete (KB3WIH) to adjourn. Motion PASSED

Meeting adjourned at 1955 HRS.

*Minutes audio recorded by Tim, President (KB3OZA)  
And transcribed by Shelby Minier, Secretary (K3EMT)*



W3UU  
is  
ARRL Affiliated

Reminder – Club dues are now due. If you didn't get a reminder by mail, you can use the application at the end of the newsletter.

Thank you!



## Long Delayed Echoes

*Looking back through the rich history of the Harrisburg Radio Amateur's Club*

Compiled by Mark Robinson WB3JIS

*The article in last month's newsletter about "Encrypted Static" was a clear sign I should follow up with something (remotely) related. Here is an article directly from the February 1995 issue of the HRAC newsletter.*

### RFI COMMITTEE INVESTIGATES TELEPHONE COMPLAINT

At the request of the FCC, a committee headed by Dick, K3AM and consisting of Bob, K3BHZ, and George, W3PLI investigated a report of amateur interference into the telephones of a commercial firm in Harrisburg. Previous to the arrival of the investigating committee both the amateur and the commercial firm made efforts to resolve the problem with good success.

Last year the FCC published a report of an informal survey performed by the FCC Field Operations Bureau. This survey tested 241 telephones found in complainant's homes and found that 68 percent received interference. They also tested a number of filters including the AT&T Z100B1 filter. After connecting the filters to the phones, 62% continued to receive interference in the case of the Z100B1 filter while other filters did not eliminate interference on 71% of the phones tested.

Some interesting conclusions resulted from this survey.

- Power levels used by radio transmitting stations did not seem to be a significant factor in causing telephone interference.
- Telephone interference filters cannot be relied upon to eliminate telephone interference.
- Manufacturers can design telephones to be interference free.
- "Bulletproof" telephones used in the survey were interference free virtually all the time.

If you are interested in more details, you can request a copy of "FCC FOB Bulletin No. 10 revised edition" from ARRL.

## Club Meeting Night.....

HRAC meets the second Wednesday of each month at 7:00 pm. The meeting is held at the campus of Harrisburg Area Community College (HACC), at the Shumaker Public Safety Center. The safety center is located at Gate 5 off of Industrial Road in Harrisburg.

Elmer Time, formerly known as Tech Talk, begins at 6:30 pm. Come on out to a meeting and see what new and exciting things are going on with your club!

Shelby, K3EMT  
Secretary & Newsletter Editor

The next testing session  
will be held  
April 19<sup>th</sup>, 2014  
at the HACC Shumaker  
Public Safety Center,  
Gate 5 on Industrial Rd,  
Harrisburg, PA.

Testing begins promptly  
at 9:00AM

Doug, K3DRE  
(far left in the picture)  
gives a  
presentation on  
the  
Flex 3000  
ham radio  
at the  
March  
HRAC meeting



## Link to Repeater and Net Lists

<http://www.w3uu.org/local-repeaters-and-nets/>

Same lists that used to be in the newsletter.....but now conveniently located on the club's website.

## Weekly HRAC Net

The weekly information net is held every Wednesday at 8:00 PM on the 146.760 repeater, except for the second Wednesday of the month, which is club meeting night.

Please send any  
articles for the  
newsletter to  
[shelbyminier@gmail.com](mailto:shelbyminier@gmail.com)



### Monthly Ham Radio Lunch

The last Thursday of each month there is a Ham Radio Lunch at the “Old Country Buffet” at noon.

This restaurant is located on Route 22 in Colonial Park in the vicinity of Value City Furniture, K-Mart and Home Depot.

It’s a great way to meet new people!



## Ham Radio Lunch Had HUGE Turnout!

The group that meets on the last Thursday of each month at “Old Country Buffet” has reported a larger than normal turnout for the March 27, 2014 gathering.

There were approximately 25 people in attendance. Two were from Northern Dauphin County, six were from Southern Dauphin County, two were from other counties, and the others came from Central Dauphin County.

Two wives attended and 5 rows of tables were filled.

Come on out sometime, anyone is welcome and it’s a fun time.

*Submitted by Richard, KB3YRC*

## 2014 Exam Schedule for the Harrisburg Radio Amateurs’ Club VE Team

All tests are held at HACCC -Shumaker Public Safety Center, Gate 5 on Industrial Rd, Harrisburg, PA

- Saturday, April 19, 2014 at 9:00 AM
- Saturday, June 21, 2014 at 9:00AM
- Saturday, July 5, 2014---During the FIRECRACKER HAMFEST (testing is at 11:00AM)
- Saturday, August 16, 2014 at 9:00 AM
- Saturday, October 18, 2014 at 9:00 AM
- Saturday, December 20, 2014 at 9:00 AM

# Ham of the Year Recipient History

Ham of the year can only be awarded once to a member. The recipient is chosen by the previous three recipients for any number of reasons...such as dedication, teaching others, or some other super contribution to the club & hobby.

1979	Michael Acri	WB3ICZ
1980	George Kabroth	W3PLI
1981	Richard Kerlin	K3AM
1982	Paul Washington	W3MWK
1983	Lew Elicker	W3ADE
1984	Terry Guerrant	W3AIL
1985	Charles Kroh	KC3KN
1986	Dave Dormer	KC3MG
1987	Jim Thomas	W3BZS
1988	Rick Miller	KA3BZX
1989	Steven Gobat	KA3PDQ
1990	John Obradovich	W3IS
1991	Nick Rylatt	AA3T
1992	Charles Hilbish	K3BSV
1993	Tom Hale	WU3X
1994	Robert Horvath	K3BHZ
1995	Mark Robinson	WB3JIS
1996	Michael Kalbaugh	N3HLK
1997	Richard Bordner	N3NJB
1998	Tay Tambolas	KZ3U
1999	Harold Baer	KE3TM
2000	Gregory Shawley	KE3WL
2001	Keith Krause	N3TQV
2002	Chuck Greiner	N3WL
	and Wayne Kisner	W3JWK
***There was a tie*****		
2003	Allan Brown	N3URM
2004	Pietro DeVolpi	K3PD
2005	Matthew Kiner	N3SOZ
2006	Terry Snyder	WB3BKN
2007	Joseph Stepansky	KQ3F
2008	William Rawlings	KE3YC
2009	Glenn R. Kurzenknabe	K3SWZ
2010	Don Redman	KB3NAQ
2011	Tim Lehman	KB3OZA
2012	Shelby Minier	K3EMT
2013	Gary Cappello	KV3Q

**The plaque reads:**

*In appreciation of your loyalty,  
faithful attendance, dedicated service,  
and contributions to the success of the  
Harrisburg Radio Amateurs' Club, Inc.*

**So who's going to do something  
extraordinary this year?!**

**Personalized Items Make the BEST Gifts!**  
(And who says you can't give yourself a gift...)

**Hats • Shirts • Jackets**  
**Name Badges • Mugs • Mousepads**  
**Vanity Plates • And More!**



We use embroidery, heat transfer, vinyl or sublimation to put your idea on just about anything!



Visit us online at [www.shopIBD.com](http://www.shopIBD.com) for ideas  
then give us a call at **717-585-9779**  
or email [geanne@impressions-by-design.com](mailto:geanne@impressions-by-design.com)  
for quotes and personalized service.

## Lost Boeing 777 Scenarios

As I sit here before my computer screen it has been two weeks since the disappearance of the Boeing 777 airliner. As crews from many nations search millions of square miles for the aircraft. I would like to offer 3 different scenarios as to where the aircraft might be.

- 1) While the CNN reporter almost had it right it was not sucked into a BLACK HOLE. Instead it was allowed to enter the Kingdom of the Hollow Earth! Yes, that's right one of the many portals into that realm is located on that side of the earth similar to our Bermuda Triangle. The Bermuda Triangle is better known for this type of disappearances mostly because it is closer to a populated landmass than in the middle of the Indian Ocean. The reason being may be as simple as the Hollow Earth's running out of genetic material for their civilization and needs to freshen up their gene pool. Another reason may be that it has been recently reported that twenty passengers on the flight worked for the same Houston TX based company. This company is said to be developing different projects for the military. One of these projects is said to be an actual cloaking device. One expert even went as far as to say the flight was a test of that device (HOG WASH). If the Hollow Earth's actually intercepted the aircraft because of the scientists on board it was to slow down our development of this technology.
- 2) The U.S. Military Machine actually and positively knows where the aircraft is. However because it would reveal to the world our actual satellite capabilities they remain silent about its true location. One thought is it was diverted to a remote landing strip to be refitted as a weapon of mass destruction to unleashed somewhere in the world. Say a terrorist group in one of those countries has gotten a hold of a nuke.
- 3) Alien Abduction which may be the most realistic. We propose here that some kind experiment which requires the use of a large number of human subjects that would not be returned to earth. these subjects may be used for colonization of another planet somewhere in the Galaxy. After all as reported above some of the brightest minds on the planet may have been aboard the aircraft.

After or during the last Club Meeting the power supply on the .76 repeater failed! Upon removing the supply from service we discovered that the transformer had actually started to melt apart! We were able to find a 40 amp supply at Cumberland Electronics and we were back up and running the next day. {Can you believe there is an EXTRA Class Ham who has never been to Cumberland Electronics! DAMN APPLIANCE Operators!}

In order to advance the science of Amateur Radio I have decided that I would pursue the advancement of filtering and decryption in the 2 Meter Band. I will be using a multi layered encryption scheme to allow for a single signal to carry more data at the same time. I will be using a digital scheme that will be encoded in to the Wednesday Night Net. All operators are encouraged to find and decode the additional data stream. As not to confuse the casual listener the signal has been encoded in to the song IN-A-GADDA-DA VIDA (by Iron Butterfly) Long Version of course all 17 minutes. Now before you go calling the OO (Official Observer) or the commission I will not be playing the song on the air but using the song as QRM to mask the digital experiment! So the song which will be on the air is not the intended communication but just a device for experimentation and research. (That's OUT of the BOX THINKING!) I am thinking of offering a prize for the first person who can successfully decode the message. It would be especially prestigious if it could be presented with all due pomp and circumstance at the Fire Cracker Hamfest! Provided of course there has been a successful operator. If the experiment is successful I will repeat the experiment with a different message using the same QRM this time being played Backward! KE3YC has assured me that he had listened to the song in this fashion many times with no long lasting effects. (Except some issues with long term memory and a restraining order)

**REMEMBER IF YOU READ IT ON FACEBOOK IT HAS TO BE TRUE!**

Steven, KA3PDQ

# A Report from The Winter of Our Discontent

*Doug Evans, K3DRE*

OK. So now the winter of our discontent is over. In the warmth?? of the spring, a quick look back.

On three separate overnights I found myself manning the State Emergency Operations Center (SECO) ham radio room. We had been activated because of the predictions of larger amounts of snow fall. During each of these shifts snow in severe amounts did fall somewhere in the state.

PEMA and PENNDOT quickly realized that the snow was falling in bands which made generalized snow totals somewhat useless. So they asked the ham community to provide very localized snow measurements, as how much was in your yard and exactly where was your yard. I was acting as liaison between SEOC and a state wide weather net that was controlled by hams outside of PEMA. This worked quite well because they could handle all the traffic duties while I transcribed the reports into the PEMA software system.

There was a very good response from western PA with one hundred or more reports during the most active storm overnight. There was a moderate response from southern central PA. A light response from the greater Harrisburg area. And almost no response from South Eastern PA.

All three nights I worked at least from 8pm till 8am with Rodney Gallagher taking shifts both before and after mine.

Several time officials stopped by the "shack" and complimented us on the info they were getting, with one PENDOT supervisor telling me that they had moved assets in to a snow belt our data was defining and they were glad they had the chance to be proactive instead of reactive.

We were monitoring voice on 3.9935 MHz from 8pm till 6am. And 7.2505 MHz from 6am till 8pm.

We also had digital nets 3.583 MHz (night) and 7.073 MHz (day) using Olivia 8/500 with a waterfall center of 1500hz. And in central PA we were monitoring the 147.075 repeater.

These frequencies are the standard ones PEMA SEOC operates on, or as close as possible with ongoing conversations. Although every time the NCS asked a nearby conversation to move, because these frequencies had been published, the hams did move.

85% of all reports came on digital showing the reliability of digital modes. (It was also nice because I could cut and paste the info into the PEMA system without having to type it in.)

It will be very nice if we can get a better representation from our local community. No snow/rain falling at a given time is as useful as a snow/rain total. And for that matter rain when there is snow expected or the other way around is also useful info for the planners.

If you want to know more about what goes on at PEMA or, if there are operators who would be interested in helping at PEMA please send me an email, I can get you talking to the right people.

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***Continued on the next page, you can see an email from Susan Singer, Emergency Management Specialist at PEMA, that Doug, and all involved, received following their efforts!***

Links to the club's social media pages

[Twitter Link](#)



[Yahoo Group Link](#)



[Facebook Page Link](#)



.....Continued from previous page

**FROM: Susan D. Singer |** Emergency Management Specialist

Division of Logistics & Resource Management

Pennsylvania Emergency Management Agency

"I just want to thank all of you who are assisting us during this winter weather activation. Many of the folks with whom you have been communicating have had to drop off the network due to ice building up on their antennas. Later during the wee hours of the morning we have been experiencing many power outages. The collecting of weather reports during the net check-ins was particularly helpful to PEMA Mgmt. tonight.

Chester County EOC lost power and was (still is) running on generator power and we knew that their ARES/RACES guys were working out of their County EOC. The State EOC wanted to get some information regarding the severity of the situation in Chester County so **they requested our ACS** personnel contact Chester County and ask a series of questions regarding their situation. Doug Evans was manning the SEOC Radio Room and sent the list of questions via the NBEMS network. The Chester County ARES/RACES team relayed the message to their EOC and within minutes responded back to us with the answers. Doug then entered the responses into the Chester County parent event in the Knowledge Center so that PEMA Mgmt. who needed the information would have ready access to it.

Kudos to all of you for what you do, and double kudos to Doug for a great job handling the request.

I was excited to see how smoothly everything went and how easy it was to get the information passed between the two EOCs."

## Swap and Shop

This is to list radio/electronic items that they want to sell or that they are looking to purchase. (Both here and on our website) If you have anything to list, email [shelbyminier@gmail.com](mailto:shelbyminier@gmail.com).



Rob has a satellite dish from dish network; it's free to anyone who wants it. He can be contacted at [rob\\_barbush@hotmail.com](mailto:rob_barbush@hotmail.com).

From Victor-Even if you're not interested I'd appreciate it if you would pass the word locally to any vintage radio buffs you may know?

I have a Hallicrafters HT-37 xmtr which I've gone completely over and is working well. It's in nice shape with the original manual and sounds pretty darn good on AM, CW and SSB! In case you don't recall these were phasing-type SSB rigs.

Asking \$245. Pick-up or rendezvous within 50 miles of Liverpool. Victor, [717-877-3267](tel:717-877-3267)



# Camp Muckleratz Horse Ride - July



I have already been contacted by organizers of the Camp Muckleratz Horse Ride. Our support has been requested for their upcoming event. Ham radio operators have supported this competition in Camp Weiser for several years. It is a competitive horse ride challenging participants to ride their horses through wooded trails in Camp Weiser just south of Elizabethtown.

We need volunteers to provide communications support to rest stops over the course.

Volunteers are needed from 7 AM till about 2 PM on July 26 and 27th. This is a good beginning event to learn about communications support for events.

If interested please contact Marty (KB3BAA) at [mpgutkunst@comcast.net](mailto:mpgutkunst@comcast.net) or call 439-8971.



Pictures from previous Muckleratz Trail Ride events we helped with.....



# HRAC MEMBERSHIP APPLICATION



MAIL TO:  
**Tim Lehman, President (KB3OZA)**  
**PO Box 453**  
**Hummelstown, PA 17036**  
**717-982-8550**

Make checks payable to HRAC  
Membership is \$15.00 (\$7.50 if over 65) per year.  
Family Membership is \$25 (Hams must reside in the same household)

Dues end December 31st

NAME \_\_\_\_\_ CALL SIGN \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_

ARRL Member: Y \_\_\_\_\_ N \_\_\_\_\_ \* **YEAR FIRST LICENSED** \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

I agree to abide by the guidelines of the membership and The Harrisburg Radio Amateur's Club, Inc.

W3UU - Harrisburg Radio Amateurs' Club 42<sup>nd</sup> Annual



**NEW  
DATE**

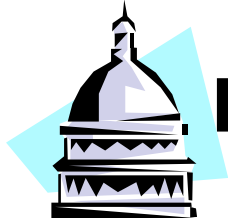
**NEW  
DATE**

**Saturday JULY 5<sup>th</sup> 2014**



**Eastern Pennsylvania Section Convention**

&



**FIRECRACKER**

Electronics Expo and Hamfest

**“The Harrisburg PA Electronics Expo and Hamfest”**

**Harrisburg Area Community College**

**Fire Training Grounds**

*3599 Industrial Road, Harrisburg, PA*

- ◆ Covered **indoor Commercial Tables** Available
- ◆ **Largest Tail Gate / Electronic Flea Market in Central PA**
- ◆ **Hundreds of tailgate spaces available**
- ◆ New and refurbished equipment dealers on site
- ◆ **ARRL Sanctioned Hamfest / EPA Section Convention**
- ◆ **Great Food (Breakfast and Lunch)**
- ◆ Meeting room available for clubs and discussions
- ◆ **DXCC & WAS** cards checked on site until **10:00 am**
- ◆ **VE Testing on site at 11:00 am (Walk-in Welcome)**

**W3UU**  
**146.16/76 MHz**  
**PL 100 Hz**

Map on Reverse side  
 of this flyer

**General Admission:** \$5.00 (Non ham XYL & kids under 12 FREE)

**Tail Gating:** \$5.00 per space

**Tables:** \$12.00 each before June 1  
\$15 on or after June 1

**General Admission: 8:00 AM**

**Dealer Setup: Hamfest Day 6:00 AM**

**Prior Day 6:00 PM – 9:00 PM (strictly enforced)**

For further information contact:

Website: [www.w3uu.org](http://www.w3uu.org)

Table Sales

Joe Stepansky (KQ3F)

[KQ3F@comcast.net](mailto:KQ3F@comcast.net)

717-329-1906

General Info

Tim Lehman (KB3OZA)

PO Box 435

Hummelstown, PA 17036

[KB3OZA@arrl.net](mailto:KB3OZA@arrl.net)

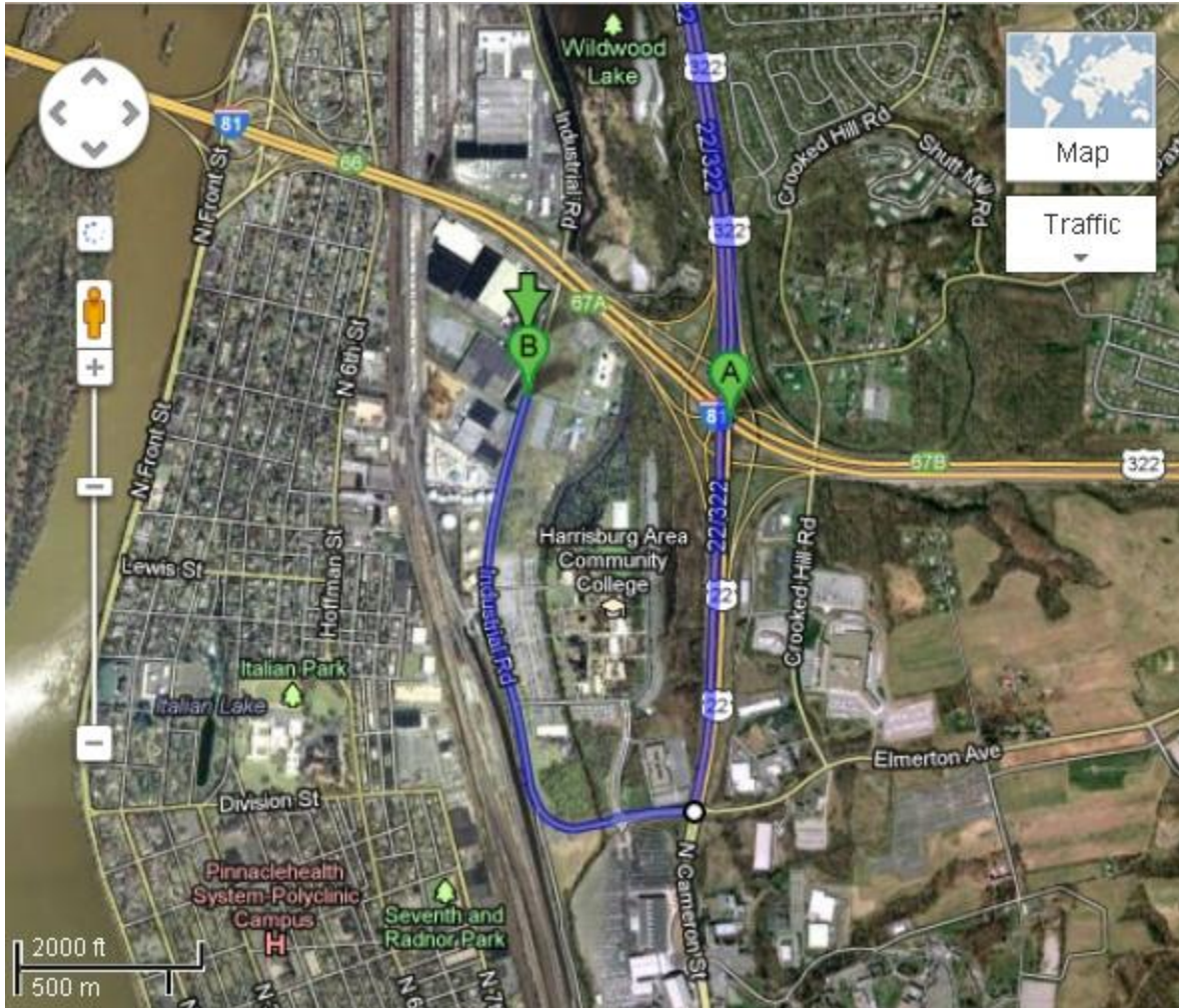
717-982-8550

**Special Event  
Station**

**W3W**

**In operation at  
the  
Convention**

- Directions to the Hamfest from rt. 81 (watch for signs):
  - **Located just north of Harrisburg, Pa.**
- Rt. I-81 to Exit 67 (Follow signs to Farm Show Rt. 22 East)
  - Follow Rt. 22 about 3000 ft, Turn **RIGHT** at light
  - Continue on Wildwood Park Drive and road will become
- Industrial Road. Hamfest / Convention is 3/4 mile on **RIGHT**
  - **3599 Industrial Road, Harrisburg, Pa 17110**
  - 40.303645,-76.888379 (**Gate 5**)
- **Represented on this map and picture by the**
  - **Green B and arrow the "A" is Exit 67**



From Rt 83 and points south:  
 Exit 43 (Second Street, Harrisburg)  
 Follow ramp to light at Paxton St. and turn **RIGHT**  
 At next light (Cameron Street) turn **LEFT**  
 Follow Cameron street to Wildwood Park Drive, at Farm Show, Turn Left  
 Continue and road becomes Industrial Road, Hamfest is ¾ mile on Right

Mapping/APRS Coordinates

Hamfest: **40.303645,-76.888379**