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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

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Harrisburg Radio Amateur's Club Newsletter

The President's Letter.....

Our next meeting will be our annual banquet which we call the **Ham Feast**. This Feast will be held at the Fire Mountain Buffet at 6476 Carlisle Pike, Mechanicsburg, Pa (at 6:00PM). At this event the "Ham of the Year" will be announced. The "Ham of the Year" recipient is voted on by the past three winners of the award. There will be door prizes for all paid up members, some of them useful and some are just for fun. There are always a few larger door prizes for two lucky winners. This year there will be a 2 meter / 220 hand held radio, and a Signal Link computer interface. The Ham Feast is a special way to meet friends and fellow radio amateurs. Bring your family and/or friends.....

We held our annual winter hamfest on Saturday January 19th. This event is always well attended, however, this year even more so. This was our first winter hamfest at the Cooper Student Union building on the HACC campus. This location gives us ample parking and a much larger indoor area for tailgaters, or whatever we call people who sell at an indoor hamfest on a table. This year was the first time that we had commercial vendors at the event because we never had enough room in the past. We had VE testing and many came out to take the tests. You will find stats on the hamfest, VE testing and pictures of the event in this newsletter.

At our last meeting we introduced a new way to attend the meetings. Skype was tried and worked well and we had one person check in for our first time. We are only offering audio connections at this time so please give it a try for our March meeting. There will be no Skype at our February meeting because of the banquet. Skype address is hrac.radio.

Our next big event will be the Firecracker Hamfest. The Firecracker is always on the Saturday next to the first Sunday in July. That means it will be on Saturday July 6, 2013. (July Six) This event is so large that it does not just happen without lots of planning. Committees will be formed and jobs need to be done. Please step up and help. This will be at the same place as last year which is the HACC grounds at Gate 5 on Industrial road, Harrisburg. This is on the Shumaker Public Safety Center.

There are many things going on at HRAC and if you miss a meeting you will miss a lot. Come out and support your club.

73

Terry Snyder, President, WB3BKN



January Meeting Minutes

The January 2013 meeting of the Harrisburg Radio Amateurs Club was called to order at 7:00 PM by the President, Terry (WB3BKN) followed by introductions.

Secretary Report

The minutes of the December meeting were published in the newsletter. Doug (K3DRE) made a motion, seconded by Pete (KB3WIH), to accept the minutes of the previous meeting as published. Motion PASSED

Treasurers Report

Joe (KQ3F) presented the treasurer's report. Doug (K3DRE) made a motion, seconded by Shelby (K3EMT), to accept the report. Motion PASSED

VE Committee

Steve (KA3PDQ) reported the following items:

There will be test sessions in January at the winter ham fest and in February in room 101 at the Public Safety Center.

Repeater Committee

Steve (KA3PDQ) reported the following items:

A site visit is planned for the spring unless problems develop sooner.

The subject of battery back-up for the repeater was brought up. Steve provided details of the system and costs.

Terry is working with the family of that Dan Cullison (KA3RMP) regarding 449.925 repeater. They are willing to donate the equipment to the club. Terry is investigating alternate locations for the repeater in the event that it has to be moved. If that is the case then we we might have to purchase new coax and a new antenna. More information will follow at the next meeting.

Membership Committee – Annual dues are due and payable now. The membership chairman will collect payments at the meeting.

Newsletter – No update.

EMCOMM - Marty (KB3BAA) reported the following items:

The biennial TMI drill is scheduled for April 17.

Tour d'Cure event dates will be announced when available.

The Battle of Gettysburg reenactment will be held from July 4 – July 7 2013 to commemorate the 150th anniversary of the battle.

DXCC – A mailing was made to the bureau.

Entertainment

A presentation on Logbook of the World is scheduled for after the business meeting.

The annual Ham Feast will be held on Feb 13 at Fire Mountain.

It was decided to purchase a Wouxun HT and a Signal Link interface as door prizes.

January Meeting Minutes, continued

Winterfest

- Nick (AA3T) will act as event chairman.
- Terry advised that signs for parking are in the storage facility. He has a new sign for vendor off-loading.
- Nick and Doug (K3DRE) will arrive at 0630.
- Rick (K2RBT) will take care of coffee and muffins/donuts.

Old Business

The question was asked about how soon we could begin to use the room that HACC is going to provide to us for a radio room. Doug (K3DRE) said that the school administrative functions are still on break but information will be forthcoming once the winter semester begins.

A letter was received from HACC regarding the \$200.00 donation that the club made for use of the facility for field day and the Firecracker Hamfest.

New Business

Mike (N3HLK) reported that Royaltown was setting up a municipal EOC and the director had asked for an operator to support the TMI drill and any other operations that they might have in the future.

Terry (WB3BKN) has set up a Skype account to allow people to participate in the meetings remotely. The free version of Skype allows up to 20 people to connect via voice only. For a fee of \$5.00 per month, we can have video and audio as well as an unlimited number of users. Discussion tabled until the March meeting.

Good of the Club

Congratulations to Joe (KQ3F) for having the high score in the PA QSO Party.

Terry (WB3BKN) is working on researching the club history.

There being no further business to conduct, Shelby (K3EMT) made a motion, seconded by Pete (KB3WIH), to adjourn. Motion PASSED

Meeting adjourned at 1955 HRS.
Tim Lehman, KB3OZA, Secretary



W3UU
is
ARRL Affiliated



Hamfeast 2013

The annual "Hamfeast" banquet will be held on Wednesday, February 13th, 2013 at Fire Mountain, 6476 Carlisle Pike, Mechanicsburg, 17050. It will begin at 6:00pm. There will be a brief business meeting, door prizes, and a fun time with other hams and their families.... (Feel free to bring your family!)

Come on out for a good time!

Please send any articles for the newsletter to shelbyminier@gmail.com

Starting in 2013, ALL testing sessions will be held at the HACC Shumaker Public Safety Center.
Tentative dates for 2013 include:
February 16, April 20, June 15, August 17, October 1, December 21
Testing starts at 9:00am

Weekly HRAC Net

The weekly information net is held every Wednesday at 8:00 PM on the 146.76– repeater, except for the second Wednesday of the month, which is club meeting night.

January Testing Results

At the January 19th testing session held during the annual winterfest we had:

14 Applicants, with 16 elements administered

Three Extra, four General, and five Technician class. (Four elements were unsuccessful)

VEs in attendance: Bill (KE3YC), Rodney (N3QLB), Gary (KV3Q), Tim (KB3OZA), Michael (N3HLK) and Steven (KA3PDQ)

The session went well even with the larger than normal group. All the paper work looked good.

THANKS EVERYONE

Next Session February 16 @ HACC Shumaker Public Safety Building, Gate 5, Room 101. Testing starts promptly at 9:00am.



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 for ideas
then give us a call at 717-585-9779
or email geanne@impressions-by-design.com
for quotes and personalized service.



Cupid-Friend or Foe?

As mentioned in a previous article, there are many different kinds of Amateur Radio Operators in the world. There are those who have an interest in electronics, those who want to be the first to contact an ET, the person who found out that those funny letters some people put after their name carries some weight on job applications no matter what the position one may be applying for. I know of some who studied took the tests and have never operated a radio! (He wanted to get out of the house) I sat near him when he took and passed his Extra!

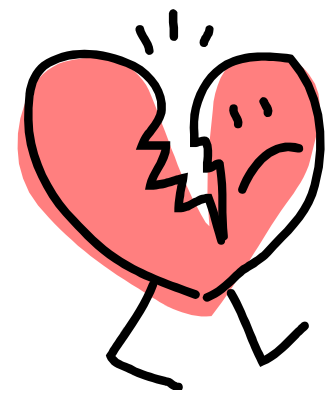
For most of us we are just tinkers at heart and liked to see how things worked. While I was usually good at tearing things apart of course the real challenge is putting it back together and in working order without a lot of leftover parts. I would have to say that my first **LOVE** was in tinkering which later evolved into Ham Radio. As a youth some have a larger supply of disposal income to buy toys with. As one enters the working world we might even have more cash to invest in toys. A ham is quite happy with his passion of wires and sparks, waiting for the next magazine or catalog to appear to see what new toys that we can't live without. Then comes a mischievous soul named **CUPID!**

You are sitting there at the key having a good time when suddenly out of nowhere an unfamiliar or familiar scent gets your attention (and it's not the smell of burning insulation)..... a sound or voice not coming from the rig enters your ears. For some this is a very pleasant experience, and for others a reminder of chore left unstarted or unfinished. What evil could possibly tear one away from the crackling of the airwaves? For the novice in such affairs it is a pleasant diversion for others a trespasser in one's cave. Let the novice be **WARNED** once **CUPID** has sprung his mighty trap there is no escape! For the old timer it is already too late for the deed to be undone. No amount of logic can be used to reason with **CUPID'S** plan. We have tried in the past; the Club even held a Winter Hamfest on the day devoted to matters of the heart (Yes, we did! If my aging memory is correct I think we provided a rose for Hams to take home to bribe those opposed to such folly).

There is no escape! First it is a couple of minutes here or there. Hopefully this occurs when the bands are not open. Then the evil becomes more demanding. What do you mean we are going on vacation! Its Field Day weekend everybody knows that! Then the claws of the viscous foe grow sharp and long, to the point of reaching all the way into ones most sacred place, the wallet. What do you mean junior needs braces? That's my new rig money. I don't care if Shelia needs a new dress isn't there some old towels or sheets that a resourceful person can fashion one out of? Our archrival **Cupid** is a crafty one, turning some into mere shadows of their former selves. And there is no way I am going to give up my shack so Shelia can have her own bedroom! She's perfectly fine sleeping in the same room with her four others brothers. It didn't hurt me, Look how I turned out! Some retreat to the backyard as a last refuge. Only to find that even this refuge is under attack. No, those aren't guy wires; that's a new kind of trellis. I am digging up the grass to put this copper in the ground because when we had the soil tested it showed a copper deficiency and we don't want the flowers to **DIE!**

Oh the demons a Ham must endure to enjoy a hobby that had so much promise and enjoyment before Cupid came calling. So you tell me..... **CUPID – FRIEND or FOE**

Steven Gobat
KA3PDQ



Skype into the next meeting, if you can't be there

To sign up for Skype:

1. Go to www.Skype.com, and download your free Skype messenger.
2. Select your Skype name (make up something)
3. Go on line and connect to the test server to verify that your install is working.
4. Add a contact request for **hrac.radio** (We check, and approve requests daily)
5. Be ready to connect to **hrac.radio** any time after 6:30pm on meeting night.
6. Meeting begins at 7:00pm on the second Wednesday of every month.



Interesting Contacts thru NTS Work

I learned recently that Roy "Hoppie" Hopkins W3TWV of Clarks Summit PA is retiring from NTS. Hoppie is 87 years old and has decided to slow down somewhat from his previous undertakings. Hoppie has been a mainstay on NTS circuits in Cycle 2 for a great many years and I doubt there are very many who have not had at least one message from him with either ARL Sixty Seven - No Outlet or ARL Forty Seven in the text.

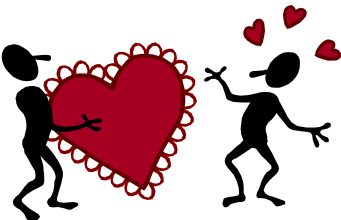
Hoppie picked up his last message today, January 30, ironically from Canada destined for myself, KB3BAA, and then informed the net that he would be relinquishing the reins. Hoppie was also a regular on the 3RN.

I will be receiving the retirement message formally from N3SW on the EAETN net on January 31st.

It is amazing working with the NTS team, a team dedicated to serving others through the National Traffic System.

You can learn more about NTS and traffic handling by listening in and joining one of the two NTS nets in the area, Mondays at 8 PM on the N3TWT repeater or Thursdays at 8 PM on the AARG repeater system.

Submitted by Marty Gutekunst, K3BAA



If you are interested in advertising in the newsletter,
please contact Terry Snyder, WB3BKN at terry@djerry.com
or Shelby Minier, K3EMT at shelbyminier@gmail.com

Ham Radio Nets

Adams County Amateur Radio Society
Tuesday 7:30 145.35 PL 103.5 except club meeting nights.

Appalachian Amateur Radio Group
Sunday 8 PM 146.64 PL 82.5 and echolink 149493
Thursday 8PM 146.64 PL 82.5 NTS traffic net

Berry Mountain Amateur Radio Club
Tuesday 9PM 147.24 PL 123.0

Cumberland Amateur Radio Club
Wednesday 9 PM 28.440

Cumberland Valley Amateur Radio Club
Sunday 9 PM 147.12

Ephrata Area Repeater Society
Monday 9 PM 145.45 PL 100.0
Friday 9PM 146.61 PL 131.0 Digital Net

Harrisburg Radio Amateur Club
Mondays at 1900 local time on the 145.110 repeater PL 123 (Data Net)
Wednesday 8 PM on the 146.76 repeater *Except for the second Wednesday of the month, which is club meeting night*

Keystone VHF Club of York
Monday 8:30 PM 146.97 PL 123.0
Tuesday 8 PM 146.97 PL 123.0 Keystone Digital Net
Wednesday 9PM 146.97 PL 123.0 QCWA net

Lancaster Radio Transmitting Society
Thursday 9 PM 147.015 PL 118.8

Lebanon Valley Society of Radio Amateurs
Tuesday 8 PM 147.315 PL 82.5

PennMar Radio Club
Tuesday 8 PM 147.33 PL 123.0
Sunday 8:30 28.450 Dew Drop Inn net
Friday 8 PM 28.495 South Central PA net
Thursday 8:30 146.55 Tri-State Simplex net

Red Rose Repeater Association
Wednesday 9PM PL 118.8

South Mountain Repeater Association
Monday 8 PM 146.46 PL 67.0 Capitol Area Traffic net
Monday 9 PM 145.43 PL 67.0

Tuscarora Amateur Radio Association
Sunday 8 PM 147.045 PL 146.2



If you know of a ham radio net not listed please e-mail the information to shelbyminier@gmail.com

We will keep adding to the list.

Thanks to Dave, N3PRO for compiling the original list!

Long Delayed Echoes.....

*Looking back through the rich history of the Harrisburg Radio Amateur's Club
Compiled by Mark Robinson (WB3JIS)*

The club's 1995 Field Day exercise was particularly active. In addition to the bicycle-powered QSO's discussed in a previous Long Delayed Echoes and a well-attended picnic, we were fortunate enough to receive good publicity. Among the visiting media was WHTM's Rob Dixon N3JPH. The evening weather was broadcast live from the Field Day site and a brief interview was conducted of yours truly as I was club president at the time.

The accompanying photograph of Rob also shows some of installed antennas. The mast on the left supports Joe's K3SZH satellite antenna with the round screen reflector. Many members and visitors found the satellite rig and tracking software very intriguing. On the same mast is a 6 meter beam. Throughout the day the 6 meter rig was silent so we paid little attention to it. HF activity was winding down late into the night as were the operators. Suddenly six meters sprang to life with many loud QSO's coming out the speaker. I vividly remember us getting a second wind, and my personal amazement, thanks to six meters. I suppose that is why it is called the "magic band".



Local Repeater Information

146.76 (100) W3UU Blue Mountain

147.075 (123) W3UU Ellendale (Dauphin County)

146.79 (114.8) KB3TWW Reeser's Summit

145.11 (123) W3ND Ellendale

145.29 (123) W3ND IRLP NODE 7060 Blue Mountain

145.47 (123) W3ND Blue Mountain

224.18 (123) KA3RKW Blue Mountain (Halifax Radio Club)

444.45 (123) W3ND Blue Mountain

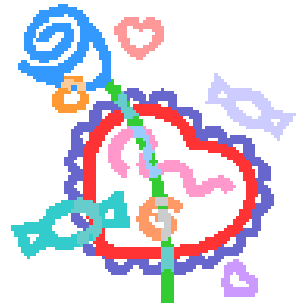
444.55 (123) W3ND Newport

446.425 (123) W3ND Reeser's Summit

448.075 (123) W3ND Ellendale

147.24 (123) KB3VDL Elizabethville (Berry Mountain Amateur Radio Club)

145.21(123) WB3EYB Harrisburg, on mountain north of Linglestown



HRAC Facebook Fan Page

Just a reminder.....

Harrisburg Radio Amateur's Club has a fan page on Facebook.

Here is a link to the page: <http://www.facebook.com/#!/pages/Harrisburg-Radio-Amateurs-Club/208171495915056>

Be sure to check out some pictures from events the club has had. You can also add your own ham radio pictures to page.

In case you didn't know, the ARRL also has a Facebook fan page.



Monthly Ham Radio Lunch

The last Thursday of each month there is a Ham Radio Lunch at the "Old Country Buffet" at noon (unless it is a major holiday).

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!



Photo by WB3BKN

Doug Evans, K3BRE presents information about WinLog

Pictures from the presentation at January's HRAC Meeting

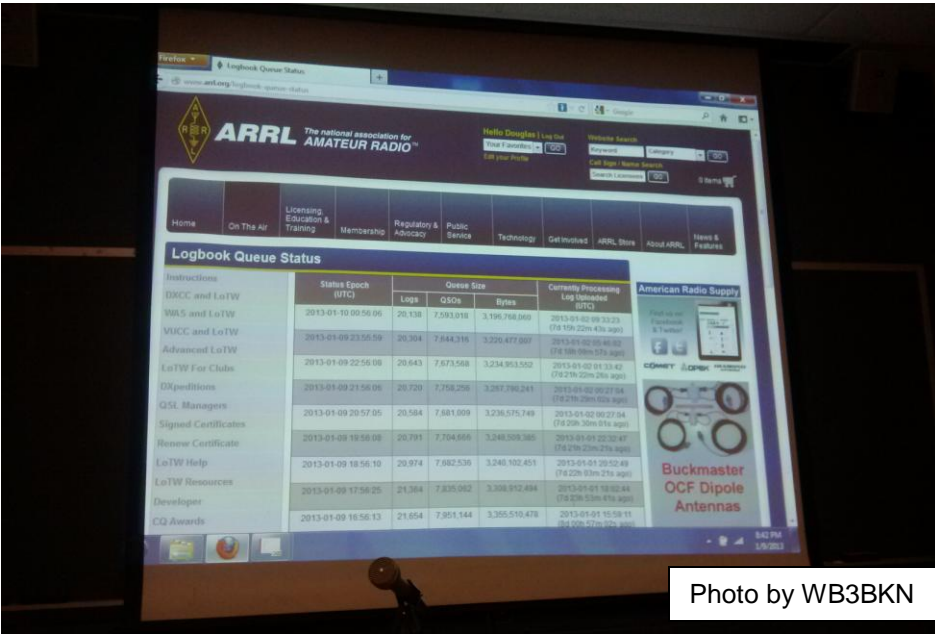


Photo by WB3BKN



Photo by N3HLK



Photo by N3HLK



Photo by K3EMT



Photo by K3EMT



Photo by K3EMT



Photo by N3HLK

Photos from Winterfest.....

Congratulations! You've got your new Amateur Radio license and can't wait to start operating on HF phone. However, you're not certain how you want to conduct yourself. After all, there are few if any mandated rules. Most hams have developed good operating practices and etiquette simply by listening to more experienced hams. Here are some ideas for your consideration.

Do

- ➔ Always be polite regardless of the circumstances. If not, avoid transmitting.
- ➔ Set a good example especially for short wave listeners who may be thinking about becoming a ham.
- ➔ Be a good listener. It will help you better organize your thoughts before transmitting.
- ➔ Reply to a CQ, or call CQ yourself. It helps keep alive the magic of ham radio.
- ➔ Speak clearly and slowly, especially when giving your call sign to someone you have never worked before.
- ➔ Promote friendship and goodwill to DX contacts. Look for ways to get to know each other rather than simply exchanging signal reports and 73s!
- ➔ Try to keep track of everyone in the QSO. Hopefully someone has assumed the role of "traffic director" to make sure everyone has a chance to contribute to the discussion. If not, don't hesitate to do it yourself.
- ➔ Make it clear at the end of each transmission which station is expected to transmit next. Try to do this even when operating VOX.
- ➔ Operate on frequencies that are in whole KHz (e.g. 18.130 KHz). This alleviates ambiguity and makes it easier for everyone to be on the same frequency.
- ➔ Openly praise other hams when you observe them doing something that you feel is especially deserving. e.g., helping demonstrate ham radio to a group of scouts.
- ➔ Always be ready to quickly and calmly respond to emergency situations. Rehearse what you would do if presented with various scenarios.
- ➔ Pause between transmissions. "Quick keying" gives the appearance that other hams are unwelcome in your QSO.















<i>Do's, Continued</i>

- ➔ Consider using the Internet to enrich your QSO. Many hams have developed their own comprehensive websites which you can usually find through QRZ.COM.
- ➔ Respect the privileges of hams operating in other modes on the HF bands including those who enjoy AM.
- ➔ Make a point to try 17 and 60 meters. Good operating practices are especially prevalent on these bands.
- ➔ Look for opportunities to "Elmer" newly licensed hams when you hear them on the HF bands. Welcome them, solicit their questions and give them pointers on good operating practices.
- ➔ Remember that no one country can proclaim to be the leader of the Amateur Radio world. Likewise, no one country's foreign policy is any more right or wrong than that of another country.
- ➔ Develop good operating practices. You will be doing your part in helping insure the continuance of our long and proud tradition of self-regulation.

Don't

- ➔ Act like some sort of Broadcast Radio station. Your fellow Amateurs will most likely not appreciate such a blatant display of personal ego.
- ➔ Acknowledge the presence of deliberate interference. After all, that's most likely the overall objective of the person doing the interfering.
- ➔ Be excessively long winded especially when in a round-table discussion and during times when band conditions are changing.
- ➔ Just talk about ham radio. Most hams have many more interests.
- ➔ Operate when you are in a bad mood. You will be that much more vulnerable to losing your temper.
- ➔ Overuse Q-codes and other ham jargon on the phone bands.
- ➔ Claim or homestead any particular frequency for nets, schedules, etc. If your designated frequency is already in use, simply move up or down as necessary.

Don'ts, Continued

-  Transmit before first determining that the frequency is clear. This includes transmitting within 3Khz of other known QSOs.
-  Break into an ongoing QSO unless you can hear the majority of the participants.
-  Ignore someone new to a round table QSO. We should all do our part to make everyone feel welcome. Avoid making the discussion appear exclusive to your particular circle of friends.
-  Test your transmitter over the air. It is far better to use a dummy load.
-  Cough, sneeze or clear your throat into your microphone.
-  Operate VOX except when in a QSO with three or less participants. It tends to foster "quick keying" which may give the appearance that you don't welcome breakers.
-  Become a "Band Policeman" quick to tell others what you feel they are doing wrong. In instances where it may be called for, always be polite and constructive.
-  Turn up your microphone gain or resort to excessive speech processing in order to be heard. Such practices will most likely result in diminished audio quality and increased likelihood of interference to nearby QSOs.
-  Use the word "break" when wanting to join an on-going QSO. Simply give your call sign between transmissions and reserve the use of the word "break" for more urgent situations.
-  Join an ongoing QSO unless you have something to contribute to the discussion. It is especially rude to interrupt other hams with a request for audio checks, signal reports, etc.
-  Operate in any fashion that is not in keeping with good amateur practice. Be certain to always comply with the provisions of Part 97 of the rules.
-  Knowingly interfere with an ongoing QSO just because you are working DX, especially split frequency.
-  Say that the frequency "is not" in use when you hear someone inquire. Refrain from responding at all unless you know for certain that the frequency or one nearby "is" in use.
-  Ridicule other hams or express any negative views of the overall state of Amateur Radio. If you don't have something positive and constructive to say, avoid saying anything at all.

W3UU - Harrisburg Radio Amateur Club – 41st Annual

NEW DATE

Saturday JULY 6 2013

NEW DATE

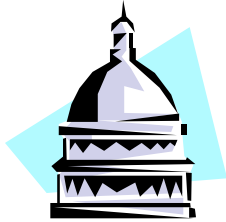


Eastern Pennsylvania Section Convention

&

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**
- ◆ **Over 500 tailgate spaces available**
- ◆ New and Refurbished equipment dealers on site
- ◆ **ARRL Sanctioned Hamfest / 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 (XYL & kids free)
 Tail Gating: \$5.00 per space
 Tables: \$12 each before June 1
 \$15 on or after June 1

General Admission: 8:00am
Dealer Setup: Hamfest Day 6:00am
 Prior Day 6:00pm-9:00pm (Strictly Enforced)

For further information contact:
 Web Site: www.w3uu.org
 Email: WB3BKN@gmail.com

Terry Snyder, WB3BKN
 PO Box 355

Tel. 717-896-0256

Halifax, PA. 17032-0355

**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

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**

Chair: Terry Snyder (WB3BKN)

MEMBERSHIP APPLICATION

MAIL TO:
Tim Lehman (KB3OZA)
PO Box 453
Harrisburg, PA 17108-0453
717-982-8550

Make checks payable to HRAC—Membership is \$15.00 (\$7.50 if c
Dues end February 31st.

NAME _____ CALL SIGN _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL _____

ARRL Member: Y _____ N _____

SIGNATURE _____ DATE _____

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