



Harrisburg Radio Amateur's 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

CLUB OFFICERS

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terry@djterry.com

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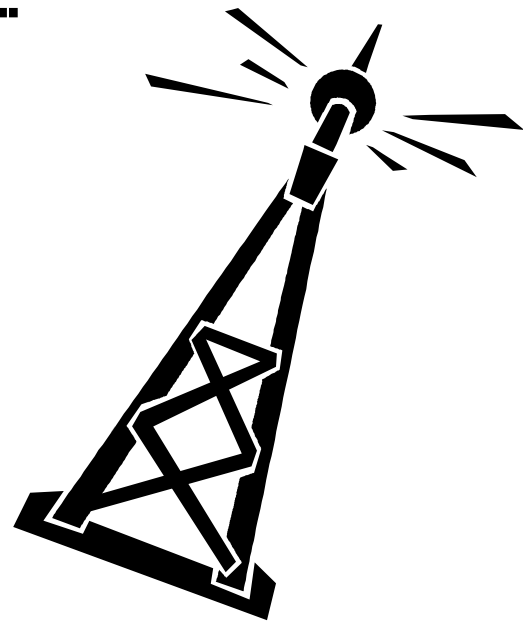
Matt Kiner
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n3soz@arrl.net

NEWSLETTER EDITOR

Shelby Minier
K3EMT
shelbyminier@gmail.com

The President's Letter.....

I would like to extend a big thank you to all who helped during the potential disaster known as Hurricane Sandy. I think a more appropriate name would have been something like Big Bertha, judging from the area covered by the storm. We generally dodged the bullet here in the mid state, but we were ready. This event did expose a few problems, which can be corrected in the near future. These things will be discussed at the next meeting. You should come to it, meetings are always interesting. December's meeting, for example, will include a Christmas Cookie party. Bring some of your favorite cookies to share.



Don't forget that we have a winter Hamfest in January. Your help for the event is appreciated. The hamfest is an indoor event, and will be on the HACC campus. It is the same campus where we have our monthly meetings, and the Summer Firecracker Hamfest. The date to mark is Saturday, January 19, 2013, however the location is a little different. Look for the flyer later in this newsletter.

A note to the DX chasers: If you have QSL cards to be sent to the ARRL bureau, bring them to the next two meetings to be sent.

73,

Terry Snyder (WB3BKN)



October Meeting Minutes

The October 2012 meeting of the Harrisburg Radio Amateurs Club was called to order at 7:00 PM. by President Terry (WB3BKN) followed by introductions.

Secretary Report

The minutes of the September meeting were read. Rich (KB3YPI) made a motion, seconded by Mike (N3HLK), to accept the minutes of the previous meeting as read. Motion PASSED

Treasurers Report

Terry (WB3BKN) presented the treasurer's report. Rick (KB3YPI) made a motion, seconded by Mike (N3HLK), to accept the report. Motion PASSED

VE Committee

Steve (KA3PDQ) reported the following items:

The next test session will is scheduled for Oct 20 at 0900. Location is DEMA, 911 Gibson Blvd.

The Alaska VEC has petitioned the FCC for a change to the rules governing volunteer examiners and testing procedures. The specific changes were:

1. To reduce the minimum number of VEs required to administer test sessions from three to two
2. To provide for remote test proctoring via video link such as Skype.

Steve urged everyone to respond to the proposed change during the comment period.

Trustee Report – No changes.

Repeater Committee – no changes

Membership Committee – One new member.

There was discussion on how to most efficiently distribute new membership cards at the beginning of the year when dues are paid since some members rarely attend meetings. One suggestion was to have members enclose a SASE when they send in their dues payment.

Newsletter – Shelby (K3EMT) reminded everyone that the deadline for newsletter submissions is the 25th of the month.

Web Page - No update.

EMCOMM - There is still a need for at least two more operators for the Hershey Half-marathon on 20 OCT.

DXCC – No update

Entertainment - A slide show on WSJT was presented.

Winterfest

- Date: Jan 19, 2013
- Location: HACC student union cafeteria

Tech Night -

Our next Tech Night presentation will be held immediately preceding the November meeting at 1830. Suggested topics were WINLINK, APRS, FLDIGI, and NBEMS

October Meeting Minutes, continued

Old Business –

- The ARRL Atlantic Convention to be held on 10 NOV will include a WEBEX, which will run from 0800 – 1700. Room 101 in the public service center has been reserved for the event. Marty will pass along information regarding subjects covered and times as it becomes available.
- A new EZ-up tent was purchased to replace the one destroyed by winds at the Firecracker ham fest.

New Business

Nominating Committee

A call was made for volunteers to serve on the nominating committee. There were none. Shelby (K3EMT) made a motion, seconded by Rich (KB3YPI) to table the matter until the November meeting. Motion PASSED

There being no further business to conduct, Shelby (K3EMT) made a motion, seconded by Ezell (K3ELJ), to adjourn. Motion PASSED

Meeting adjourned at 2000 HRS.

Tim Lehman, KB3OZA
Secretary



W3UU
is
ARRL Affiliated

November 10th – Multi-Media Event at HACC for Atlantic Division Convention

The Harrisburg Radio Amateurs Club (HRAC) would like to invite you to be part of the Atlantic Division Convention. This year, through the use of multi-media, we will be bringing the convention to HACC, and HRAC on **Saturday, November 10th**. We will be in room 101 at the Shumaker Public Safety building. This is the same building as the regular monthly meetings, and also the location of our Firecracker Hamfest.

This is an all day event that begins at 8:00 am and continues through 5:00 pm. I do not have a clear schedule of topics that will be covered, but we will be linked to the convention through the magic of the virtual internet. There may be two streams of speakers, which we will have access to.

Please consider taking advantage of this opportunity to, not only hear exciting speakers and topics discussed, but to also meet and greet fellow amateurs in this interesting, and exciting event.

Information on the Atlantic Division Convention is available on the ARRL.org website. Everyone, regardless of club affiliation, or no club affiliation is welcome. Please pass this notice along to any other amateur you may know. There is no charge to attend.

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.

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

Outgoing QSL Bureau Mailing

I will be making a mailing to the ARRL Outgoing QSL Bureau at the end of the year.

This is a service provided to all HRAC members to send their outgoing DX QSL cards at no expense.

Please place your cards in prefix order according to the DXCC countries list and get them to me with a mailing label from a recent QST or copy thereof. You must be an ARRL member to participate in this program.

You can give me cards at ham lunch or you can give them to Bill Rawlings, KE3YC or Chuck Greiner, N3WL, as I see them often.

Any questions, feel free to contact me.

73

Glenn Kurzenknabe, K3SWZ

Phone: 774-1728

e-mail: k3swz@arrl.net

Wide Vigilance Event Held

Wide Vigilance IV was to feature a large scale event in the Harrisburg area beginning with police teams being surprised by an explosive device found during a mock drug raid. The raid never occurred, but the following activities did with radio support needed at area hospitals for mass casualties.

K3DRE and N3ACP provided hospital support while AA3T, K2RBT and myself provided support at Dauphin EOC over several days.

Due to the limited scope of the event traffic was very minimum. We were underutilized, however, we were trained on software to log our traffic directly into a web-based support system called WEBEOC. Our underutilization was conveyed to exercise planners at the debriefing.

Submitted by Marty Gutekunst, KB3BAA

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!



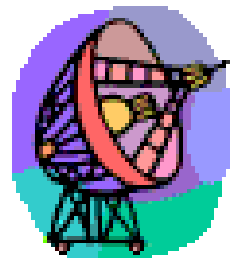
Visit us online at www.shopIBD.com for ideas
then give us a call at 717-585-9779
or email geanne@impressions-by-design.com
for quotes and personalized service.

Surge in Ker Chunking on the .76 Repeater

As the Countdown continues to Armageddon my staff finds little news in the arena of preparation of the general public for the quickly approaching catastrophe. With all the media attention being paid to the National election there is wonder by some sources that the election was purposely held in 2012 to distract the public from the impending disaster. I guess that's what happens when the clowns are allowed to run the circus.

The repeater committee has noticed a recent surge in people Ker Chunking the .76 repeater. Now with recent band openings this phenomena used to be quite the normal scenario for open carrier repeaters but since .76 has tone it seems that this can only be deliberate. So the repeater geeks are working on a plan to implement SPREAD SPECTRUM tone encoding. This is how it should work. At any given time of day a certain tone would allow access to the repeater. Just like now, but that is where the similarity ends. The access tone would automatically change based on some preset time frame say every second. This can easily be done using micro switches, a phonograph turntable and say about 32 Com Spec tone boards. Anyway paid up Club members would be given the special tone sequence in order to use the repeater. On the output of the repeater you would never know the difference. This is because we would still encode the current 100hz tone on the transmitter. How would this work with a Ham just passing thru the area who wants to call his buddy. Simple because the tone sequence would be a preset pattern a Ham not aware of the anti Ker Chuncking filter would simply transmit using whatever tone their radio is programmed for and when the decoder would arrive at that particular tone the repeater would transmit normally until the Ker Chunk filter moved on to its next tone. This scheme would allow for an unlimited amount of repeater access possibilities. The control operators would no longer have to worry about unauthorized access and Ker Chunking would be reduced. While getting used to this new system will take some time and study to get used to it any REAL HAM will not have any problem to come up with the proper programming of their equipment to allow for full access to the repeater. The time table for implementation of this new control should be around the first of the year provided of course we all still around to use it. We have already built and tested the tone decoder for the repeater and it is currently in Beta testing.

I have been told that this system could also be used in the HF bands especially in those cases that at Dxpediton has been financed by a particular club, society or individual(s) who want first crack at that rare location. Just imagine the rare station hearing you because he is using this filter set to the prearranged code sequence that only the sponsors know! For the first couple of hours or even days the select few can get their contacts first. NOT FAIR you say, well is it fair for Hams with multi kilowatt amplifiers and giant antenna farms competing with the 100 watt rig and a dipole. I think it is. The real neat thing about it is that it is legal. You are not sending a secret cipher, no hidden subliminal message; everything is out in the open. The unknowing Amateur would hear the contact or conversation and just think he wasn't breaking thru.



Marine Corps Marathon 2012

With the pre-race briefing the week earlier promising 80 degree weather, the 2012 Marine Corps Marathon turned out to be another interesting weather event. Held on the last Sunday in October last year's event presented PA with an ice event while this year brought us the first bands of Hurricane Sandy.

As we were packing up equipment the winds started to accelerate along with our hearts knowing what the next few days would present us in emergency response. Don Schmidt, KC3DS and I carpooled to the event. He served as lead for Race B net while I was a net control operator on Race A net. Race A covered the first few miles on the Arlington side of the area and the last several miles after the runners crossed back over to Arlington for the finish. Numerous hams observed the race from various mile aid stations and water stops sending reports back to our nets operating over VHF bands. UHF bands provided a medical net for specific medical concerns.

I share with you one memorable report I received from an operator from milepost 25.75. There were wheel chair entries (participants doing the marathon in their wheel chair) and we had already had reports of two mishaps. A call came in from the operator indicating the operator observed the entrant out of his chair walking next to it. I am really not sure why but I asked did it seem like he was in distress, did he need assistance or noting the location, was he doing it on purpose. I developed a lump in my throat. The operator came back that, indeed, he was doing it intentionally. With that lump in my throat I told the operator to watch him finish. Being miles away from the event it will be in my operator report and an image in my mind I will never forget.

Marty Gutekunst, KB3BAA

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

LIFE IS SIMPLE



Hams Needed to Help with Training Course



CUMBERLAND COUNTY SEARCH AND RESCUE

Team 400

C/o Cumberland County Department of Public Safety
1101 Claremont Road – Room 101
Carlisle, PA 17015-8561

TRAINING COURSE ANNOUNCEMENT

Sponsored by: Cumberland County Search and Rescue

COURSE NAME:	Wilderness Search Responder	
DAY / TIME:	November 25, 2012	0800 – 1630 hours
	November 26, 2012	0800 – 1630 hours
LOCATION:	Class:	
	Emergency Operation Center (EOC)	
	1 Public Safety Drive	
	Carlisle, PA 17013-7300	
	Field:	
	Mt. Asbury Retreat Center	
	1300 Centerville Rd.	
	Newville, PA 17241	
INSTRUCTOR:	John Boburchuk	
PREREQUISITES:	None	
COST:	\$20.00	

DESCRIPTION: This course is presented in a combination of classroom and field work to present basic search operation techniques and organizational skills to the first responding units on a lost person incident. Class is open to anyone 16 years or older. **** Students will need clothing appropriate for weather conditions, sturdy work or hiking-type boots, eye protection and a compass. ****

REGISTRATION: Anyone interested in attending needs to pre-register by **November 15, 2012.** Please contact Steve Orr at : training@ccsar400.org.

QUESTIONS: Please contact CCSAR Training Officer Steve Orr at training@ccsar400.org or you may also contact Team 400 President Chuck Roesner at 717-802-0513 email: president@ccsar400.org.

New Program to Support Youth Activity on the HF Bands

My name is Jeff Demers, N1SNB.

I wanted to take a quick moment to tell you about a new program to support youth activity on the HF bands.

Chances are, if you were like me, getting on the air after getting your first license was a little challenging.

Parents were bugged. Pennies were saved. Numerous “compromise” measures were taken to get that first station on the air! My company, Amateur Radio Supplies LLC, of Haverhill, Massachusetts seeks to help a few lucky young hams get on the HF bands and make some contacts! Do you know any deserving young hams? We will be giving away 3 complete HF stations per year in order to support activity on the ham bands.

Details at: <http://www.amateurradiosupplies.com/youth-s/222.htm>

My sincere hope is that you can spread the word to your club membership. Link the giveaway from your club website, mention it in your newsletter - anything you can do - to help make sure this program is a success is greatly appreciated. The more kids we can get on the air, the better!

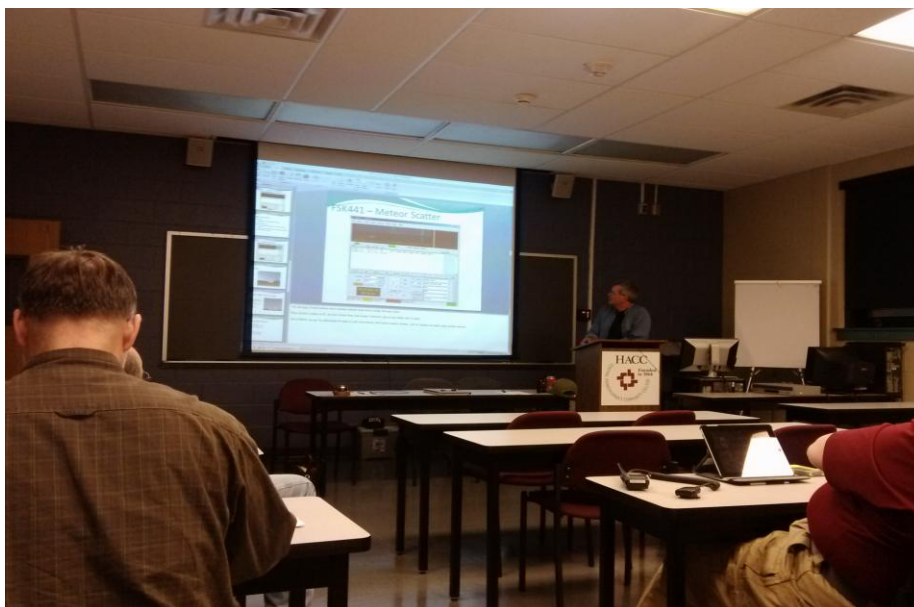
If you have a young ham to nominate, email us. Otherwise individuals are invited to apply right from our website: <http://www.amateurradiosupplies.com>

Your support is greatly appreciated. The future of ham radio depends on youth activity. Please help spread the word.

73!

Jeff Demers, N1SNB (President - Amateur Radio Supplies)

AA3T doing a presentation at the October meeting.....



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!

Long Delayed Echoes.....

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

By Mark Robinson (WB3JIS)

Thanks to Mike, N3HLK for providing another great set of photos, this time from the 1981 club Field Day operation. My how generator technology has progressed since then! Although, I doubt that generator was brand new in 1981.

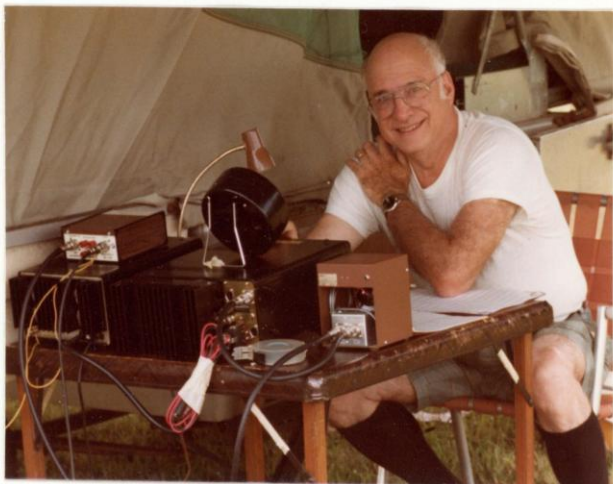
Bonus question: what is the make and model of the very popular transceiver in front of Dick, K3AM?



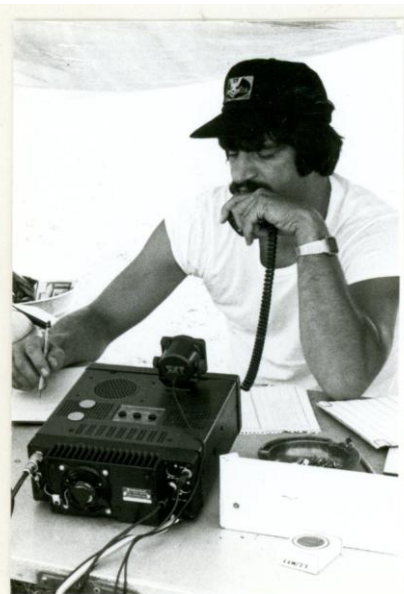
The Novice Position - KA3ESA



L-R WD9EMA, W3ADE, W3AIL, WA3TPT, W3PLI,
KA3AJC - Seated, WA3TKU 80 Mtr CW -
Outside Dave Dormer's motor home.



WB3FQL at the 80 Mtr. SSB position



WB3EYB - 20 SSB

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L-R WB3ICZ, W3TMN discussing fuel used by Club generator.

October Amateur Radio Testing Results

At the October Test Session we had 1 applicant, with a successful upgrade to Extra

Thanks to the following VEs who helped with the session:

- Doug, K3DRE
- Rodney, N3QLB
- Bill, KE3YC
- Mike, N3HLK
- Steven, KA3PDQ

The next **ham radio testing session** will be held on Saturday
December 15 at 9:00 am

at the Dauphin County Emergency Operations Center.

Please arrive by 8:30 am

The address of the EOC is 911 Gibson Boulevard in Steelton.

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

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 list!

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)

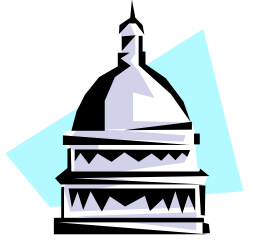
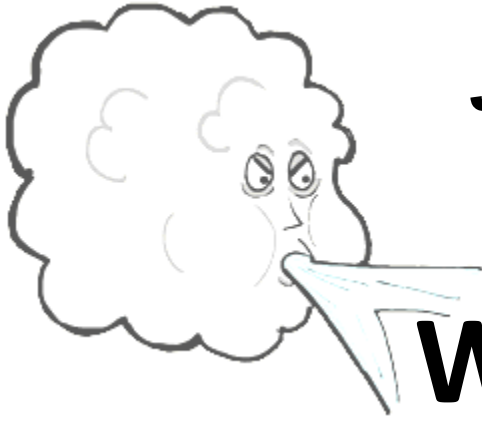
Swap & Shop

Please feel free to submit ham items that you want to sell.....Or if there are any ham items you are looking for we can also list them here.



JANUARY 19th 2013

(Saturday)



WINTER FEST HAMFEST

“A Harrisburg Pa. Hamfest”

Cooper Student Union, South Hall

1 HACC Drive

Harrisburg, Pa 17110

N 40.29623 W 76.88805 (parking lot)

(HACC Campus Follow Signs)

8:00 am to Noon

TALK-IN 146.76 (PL 100 hz)

- ◆ Admission, **\$3.00** per person.
- ◆ **No extra charge for table space!**
- ◆ Food and drinks available
- ◆ DXCC/WAS/VUCC QSL Card checking on site
- ◆ Amateur radio testing at 10:00 am
- ◆ Please, be courteous to your fellow hams by using reasonable table space (based on demand)

No reserved table space

Unloading can be done through doors, and then move vehicle
To parking area

General Admission: 8:00 AM

Web Site: www.w3uu.org

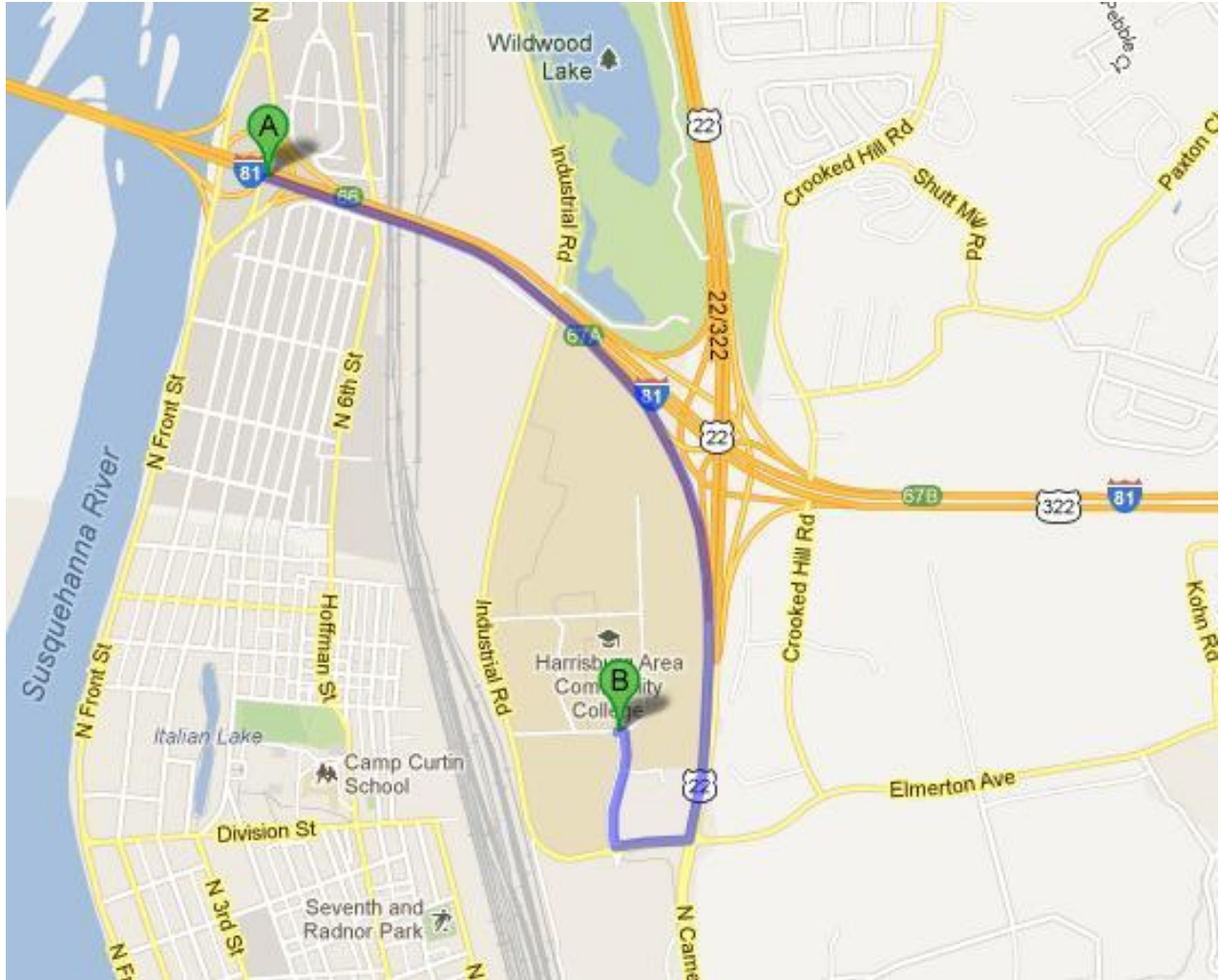
For further information or questions contact:

Terry Snyder

717-896-0256

wb3bkn@gmail.com





Driving directions to Harrisburg Area Community College

- A** **I-81 N**
- 1. Head **east** on **I-81 N** toward **Exit 67A** 0.7 mi
- 2. Take exit **67A** to merge onto **US-22 E** toward **PA-230/Harrisburg/Cameron St** 1.1 mi
- 3. Turn **right** onto **Wildwood Park Dr** 0.2 mi
- 4. Turn **right** onto **Hacc Dr** 0.2 mi
- 5. Turn **left** onto **Alumni Dr** 56 ft
- B** **Harrisburg Area Community College**
1 Hacc Drive
Harrisburg, PA 17110

Parking lot coordinates Willow lot:

N40.29623

W76.88805

Upon entering HACC campus, turn Left and follow signs.

Vendors: After turning left, vendors will turn Right onto a service road and follow signs to Cooper Student building.

Buyers: After turning Left, proceed over small bridge, and turn Right into Willow parking area. Go until you see a foot bridge on the right, and find a parking spot. Get out of car and walk across the foot bridge to Cooper Building.

MEMBERSHIP APPLICATION

Tim Lehman (KB3OZA)
PO Box 453
Harrisburg, PA 17108-0453
717-982-0440

Make checks payable to HRAC—Membership is \$15.00 (\$7.50 if over 62) per year.
Dues end December 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.