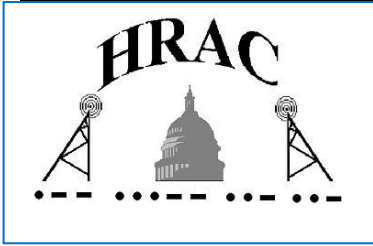


www.w3uu.org



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 (Tech Talk starts at 6:30PM)

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NEWSLETTER GOBLIN

Shelby Minier
K3EMT
shelbyminier@gmail.com

From the Desk of the President.....

Firstly, I want to thank CPRA for helping us to improve our coverage of the 146.76 repeater. We inadvertently left their name out of our gratitude in last month's letter.

We have a few important events coming up this month. Probably the one with the most importance to future generations of radio amateurs is the Jamboree On The Air (JOTA) event by and for the Boy Scouts Of America. The JOTA event introduces amateur radio to young people in a real hands-on fashion. The scouts will have the opportunity to sit in front of a real on the air amateur radio station and talk with other scouts, and amateurs around the world. They will also be exposed to and learn about amateur radio and how to go further into the hobby. Our club secretary Tim Lehman KB3OZA is heading up such an event. I would like to encourage club members to volunteer to help Tim and his group. You may contact Tim by email kb3oza.r@gmail.com

This month and from here on, the "**Tech Time**" which is the half hour before our business meeting begins, will be renamed "**Elmer Time**". An "Elmer" is the amateur radio name for a mentor. Elmers were usually an old guy down the street who would help local kids, and adults learn about amateur radio. I have been contacted by several new radio amateurs and some not-so-new radio amateurs about subjects that an Elmer would normally cover with them. In today's world true Elmers are few. It is my intent to help fill in this void. I am also asking for help from some of our experienced members to form a committee of Elmers. Together we will take suggestions for topics, and conduct the sessions. Although some have taken tests and passed them, many do not have enough experience to know why, or how things work, or how things came to be. It is our purpose as Elmers to teach in small steps for the betterment of the hobby. Please contact me at WB3BKN@gmail.com to volunteer for the Elmer committee. This is **not** a position for new hams, but rather for **experienced and seasoned members**.

See you all at the next meeting!

Terry Snyder, President
WB3BKN



September Meeting Minutes

The September 11, 2013 meeting of the Harrisburg Radio Amateurs Club was called to order at 1910 HRS by the president, Terry (WB3BKN) followed by introductions.

Secretary Report - The minutes of the August meeting were published in the newsletter. Chuck (N3WL) made a motion, seconded by Pete (KB3WIH), to accept the minutes as published. Motion PASSED

Treasurer's Report - Joe (KQ3F) presented the treasurer's report. Doug (K3DRE) made a motion, seconded by Pete (KB3WIH), to accept the report. Motion PASSED

VE Committee – The next regularly scheduled test session will be held on October 19, 2013 in the Shumaker Public Safety Center cafeteria.

Trustee – no report.

Repeater – Steve (KA3PDQ) reported the following items regarding the repeater:

The 146.760 repeater is working well; no issues at this time.

There has been some inappropriate traffic monitored on the 147.075 repeater and efforts to correct the situation have not yet been successful. There is concern that there could be sanctions imposed by the FCC against both the club and the trustee if the situation continues.

As a precautionary measure Doug (K3DRE) made a motion, seconded by Gary (KV3Q) to investigate the procedure for having the club call sign (W3UU) removed from the repeater. Motion PASSED.

Membership Committee – Tim (KB3OZA) reported receiving one new membership.

Newsletter – no update

Web Page – Matt (K3SOZ) has not responded to inquiries for information regarding web server access. Therefore, Gary (KV3Q) will investigate ways and means of reclaiming our domain name from the current hosting service.

EMCOMM – Marty (KB3BAA) reported the following past and upcoming events:

The Hershey Half Marathon will be held on Oct 20. He has only heard from one volunteer so far and needs several more operators to provide communication support.

Jamboree On The Air (JOTA) will be held on Oct 18 – 20 near Gratz. A request has been made for operators and resources to support the event.

Entertainment – Nick (AA3T) will contact Scott (N3SW) about the possibility of putting on a presentation.

Field Day – The Central Pennsylvania Repeater Association (CPRA) has suggested the possibility of doing a joint field day event next year. Discussion will continue as details develop. One of the low pass filter units is not working properly. It needs to be checked with a spectrum analyzer and either repaired or replaced.

September Meeting Minutes, continued

Hamfest Committee

Terry (WB3BKN) has more fliers available.
Working on the request form for use of the Cooper Union Building.

Tech Time – Terry (WB3BKN) asked for suggestions for tech time presentations.

Old Business – None

New Business – Doug (K3DRE) brought up the following items for discussion:

It would be a good idea to develop a liaison with the Whitaker Center. There is an increasing interest in Summits On The Air (SOTA). There are a number of summits in the central PA area and one of them is at the WITF tower site.

Good of the Club – The PA QSO party is scheduled for Oct 12 -13, 2013. Joe (KQ3F) explained the event, award categories and various operating strategies that are frequently used.

Adjournment – There being no further business to conduct, Doug (K3DRE) made a motion, seconded by Pete (KB3WIH), to adjourn. Motion PASSED Meeting adjourned at 2030 HRS.

Tim Lehman, KB3OZA
Secretary



W3UU
is
ARRL Affiliated



Newsletter Deadline Reminder

Just a reminder to all – the deadline for the newsletter is the 25th of the previous month. This date has been discussed at countless meetings. It is imperative that you have your articles submitted in a timely manner....the earlier the better! Depending on the circumstances, the deadline may be extended. If your article requires extensive editing it will need to be submitted before the deadline!

ALL of you are capable of writing something, anything, for the newsletter. Without articles for publication, the newsletter very well may cease to exist.

Please, for the good of YOUR club, contribute something.

Articles may be emailed to me at shelbyminier@gmail.com.

Thank you all!

Shelby Minier, Editor
K3EMT

DEADLINE





Jamboree On The Air (JOTA)

By Tim Lehman KB3OZA

Every year, on the third full weekend of October, local ham radio operators help Scouts all over the world participate in Jamboree on the Air (JOTA).

Several of my fellow hams and I facilitate a JOTA station for scouts from several troops in the Sunbury, PA area. We are fortunate to be hosted by Troop 311 of Rebeck, PA at their scout building. They have plenty of room to set up radios and antennas outside as well as a large building complete with a kitchen and lots of tables that we use as a classroom.

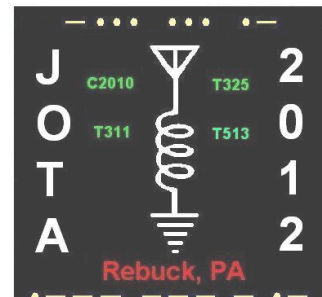
Attendance for the weekend is usually approximately 12 to 24 scouts and about a half dozen leaders. We provide instruction in the requirements for the Radio merit badge as well as a varied group of other merit badges and projects. Past programs have included such merit badges as Emergency Preparedness, Electronics, Soil and Water Conservation, Pioneering, and Cooking as well as Radio. But our primary goal is to make sure that it's **FUN** for the scouts.

We have built tape measure yagi antennas, LED lights and antenna support structures. Scouts have also learned to navigate using a map and compass, conducted mock emergency drills including planning for a small refugee camp in a nearby field and searched for a hidden transmitter.

This year will be our fourth consecutive year of introducing scouts and their leaders to amateur radio. We try to vary the merit badges offered to avoid "burnout" amongst the scouts. This year, in addition to Radio merit badge we will offer Geocaching, Automotive Maintenance and Cooking merit badges.

Every event that scouts attend has some sort of patch that all of the participants receive as a memento of the occasion and JOTA is no exception. But last year, when BSA released the patch design it was not well received by the leaders involved in our event.

So, in true ham fashion, when off-the-shelf equipment isn't to your liking, what do you do? You create your own! We got our heads together and came up with the design at right; simple, to the point and unique and found a vendor to make them for us at a very reasonable cost. This year we will be using the "standard" BSA patch.



If anyone has an interest in helping out with the event, it would be greatly appreciated. If you want to make the trip to Rebeck, we would be glad to have you. We can use help instructing, if you are so inclined. We can also use help with operating and supervising scouts on the air.

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

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.

Continued on the next page.....

.....continued from previous page

If you're not up driving, we would appreciate working you on the air at some point in the weekend, either on HF or VHF. We have a good shot to the Berry Mountain repeater so that's a good option, especially if HF propagation isn't too great. If you have any interest in getting involved, feel free to give me a call or email to set up a sked or work out exactly what you would like to do.

Below are a few pictures from past years' events. If you would like to see more pictures from previous JOTA weekends, you can find them at www.qsl.net/kb3oza. Just click on the JOTA link on the main page.



Please consider
helping Tim and his
crew with the 2013
JOTA event!

~Shelby, K3EMT

**ALL testing sessions will be held at the
HACC Shumaker Public Safety Center.**

Remaining Dates for 2013 include:
October 19, December 21
Testing starts at 9:00am

Please note the correction to October's testing date....



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 149.493

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 8PM 28.400

Cumberland Valley Amateur Radio Club

Sunday 9 PM 147.12

Cumberland Amateur Radio Club

Tuesday 7pm 146.490, 2 meter net (*corrected*)

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 145.390, 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 147.015, 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

(or see a net that needs corrected)

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!



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!

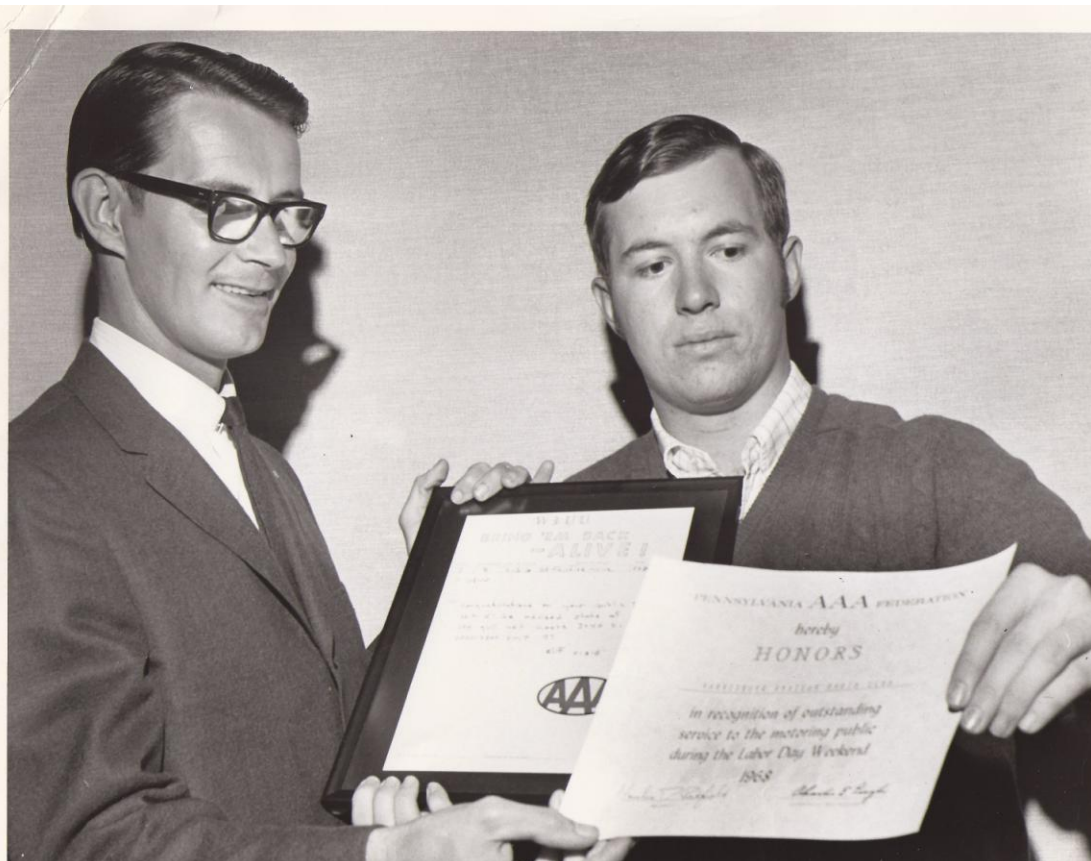
Long Delayed Echoes.....

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

Compiled by Mark Robinson (WB3JIS)

From 1968:

“Glenn Kurzenknabe, K3SWZ, President of the HRAC, accepts a citation from David Sill of the Harrisburg AAA Headquarters recognizing the work of the HRAC during the 1968 Labor Day weekend Bring ‘em Back Alive program. Radio clubs across the state set-up at rest stops along the interstate highways to provide emergency communications, while the AAA passed out coffee and donuts to travelers. W3UU was the net control station for the entire state.”



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

Swap and Shop

This is an area for ham radio operators, members and non-members, to list radio/electronic items that they want to sell or that they are looking to purchase.

If you are looking to unload something, or seeking something to add to your ham shack, please e-mail shelbyminier@gmail.com.



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's going on with your club!

Hershey Half Marathon



Operators are needed for support of the Hershey Half-Marathon the morning of October 20th.

Operators will support aid stations and provide communications during the event.

Approximate times are 0700 till 1300.

Contact Marty Gutenkust (KB3BAA) at 717-439-8971 (cell) or mpgutekunst@comcast.net if interested.

Facebook Group Link:

<https://www.facebook.com/pages/Harrisburg-Radio-Amateurs-Club/208171495915056?fref=ts>



Yahoo Group Link:

<http://groups.yahoo.com/group/hrac/>



Twitter Link:

https://twitter.com/HRAC_W3UU



White House Recognizes California Radio Amateur as “Champion of Change”

The White House has recognized Matt Brisbois, KI6RBS, of Newport Beach, California, as part of its **Champions of Change** program. The Newport Beach Community Emergency Response Team (CERT) program coordinator “has trained and mentored more than 1000 residents, business and community leaders, and educators, resulting in the highest per-capita volunteer-to-resident ratio for CERT programs in all of California,” a City of Newport Beach **news release** said. CERT, a Federal Emergency Management Agency (FEMA) program, seeks to train members of the community to prepare for and assist in the event of an emergency or disaster; Amateur Radio training and communications are among the Newport Beach CERT activities. Brisbois, a **Newport Beach Fire Department** life safety specialist, was one of 18 individuals selected this year as “Champions of Change for Community Preparedness and Resilience.”

“On behalf of the Newport Beach Fire Department and its Community Emergency Response Team program, it’s a true honor to be here among all these award recipients and be recognized as a Champion of Change,” Brisbois said at the September 24 ceremony, headed by FEMA Administrator Craig Fugate, KK4INZ. “I really wish I could have all 1000 of my volunteers here today...”

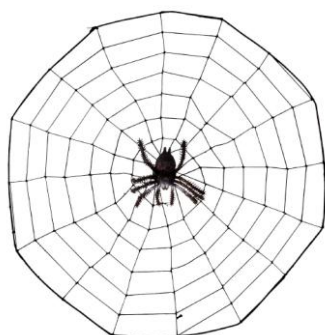
Brisbois said the volunteers in his city of 88,000 “believe in what they’re doing,” and “really should be up here” at the ceremony. “If we can develop a culture of preparedness in Newport Beach and with our residents,” he concluded, “I really believe anyone in the United States can.”

The White House Champions of Change program recognizes individuals, businesses, and organizations doing “extraordinary things to empower and inspire members of their communities.” Newport Beach Fire Chief Scott Poster commented, “To have Matt recognized as a Champion of Change for his efforts is a well-deserved commendation for Matt, our program and all of the volunteers.”

While in the nation’s capital Brisbois and CERT board member Karen Tringali also will pick up the Individual and Community Preparedness Award for Outstanding Community Emergency Response Team Initiatives that the city won from FEMA last year.

A life safety specialist since 2007, Brisbois has been the recipient of several awards, grants and honors over the years, including a Bravo for Bravery Award. The one-time lifeguard, coach, and substitute teacher once served as a Congressional intern and holds master’s degrees in education and politics.

Submitted by Glenn Kurzenknabe, K3SWZ



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6 Meters—the Early Years

A Personal History—by David Germeyer (W3BJG)

Having just read the “6 Metre Handbook” by Don Field, G3XTT, I realized that although this book was intended as a handbook, I felt that there was a lot of 6 meter background information not addressed.

I became licensed as WN3BJG in February of 1955. This was before the days of FM and Repeaters and EME, Moonbounce, Scatter and all of the other technologies available today was essentially buzzwords but there were a few pioneers... SSB was just coming into being as far as the amateur world. For the average Ham, It was either A1 or A3 emissions. A new word was spreading among the amateur world--semiconductors! To most, this was a Selenium rectifier, others were experimenting with Germanium diodes and a few lucky ones gained access to the Raytheon CK722 transistor.

I immediately got on the air on the utilizing the 2 Meter band, mainly because I had previously acquired a surplus SCR-522 rig which was completely converted and ready to go on the air.

Having no HF transmitting capability, I spent my entire Novice year operating on the 2M band and listening to W1AW and private code practice stations, getting ready to go for the General class license, which I successfully obtained within the one year grace period.

Not many commercial manufactures were making 50 MHz equipment in the mid 50's. Practically all commercial/amateur equipment manufactured at the time only went to 30 MHz. As I recall, I got on the air after much prodding by my friends on 144 MHz. A recently formed VHF Club had as a club project, a 50 MHz transmitter so I built it and then I needed a receiver. Having played with some super-regenerative receivers before getting my license, I took that route and finally had a 50 MHz station.

A quick check thru the advertisers in the ARRL Handbooks yielded the following manufacturers of 50 MHz gear: See Appendix 1.

According to my Log Book, my first 6M contact was February 12, 1956 but this activity ceased in April of the same year when I enlisted in the Navy. In June of 1956, I bought my first piece of commercial 2M equipment, a Gonset Communicator.

As I recall, my first piece of 6M equipment, was a Tapetone XC-50 Double Cascode High Performance 6M converter which I bought early in 1957 and used it in conjunction with a BC-312N surplus receiver. I think my 6M antenna at the time was most likely a modified TV antenna.

During the next several years, while I was attending Navy Technical Schools I did manage to operate from Memphis, W4ODR and later when stationed in Hawaii, KH6AHQ. Most of the operation at these clubs was on the HF bands, handling phone patch traffic.

During the latter part of 1956 and early 1957, I had the opportunity to become acquainted with Paul Wilson, W4HHK. I often visited with him while he was at work as a TV engineer at a local television in Memphis, TN and also was fortunate in visiting him at his home QTH in Collierville, TN. One of the things I remember most about his station were the twin towers he had erected in preparation for the upcoming IGY program, See QST, Nov. 1957. On these towers Paul had erected 6M arrays and the towers were oriented so in one direction, they pointed directly towards W1AW and in the opposite direction, they were directed towards Australia.

Unfortunately, I never heard of what success he may have had with the antenna although I did have the opportunity to speak again with Paul as I traveled thru Memphis in 1973.

While in Hawaii, I started the construction of what I intended to be a Portable 6M Transceiver. I later found out that in the process of testing the transmitter portion, I apparently did it during a rather good band opening to the East coast (from Hawaii) and I was heard somewhere in the New England states.

Continued on the next page.....

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I had no receiver capability at the time and wasn't aware of what had transpired. The receiver in this portable transceiver was a modified version of the Super-Regen originally used when I first got on 6M.

As soon as I saw an advertisement for the Heath Seneca 6 & 2 M Transmitter kit, I immediately ordered it. In the latter part of 1958, I secured permission to set up my own amateur radio station on the Navy base at Barber's Point, TH and assembled my new transmitter in my own Ham Shack. In a letter to Sam Harris, W1FZJ, I stated "as of the 15 of March (1959), I got on 50 MHz and during the first three hours of operation with the new rig, I worked several of the local hams in Hawaii, and then hit an opening into VK4 and VK9 land. The present set-up is: Heath Seneca, Tapetone XC-50 into a Hallicrafters SX-100, and a 5 ele beam abt. 60 feet in the air."

Openings:

I was fortunate in that I was on the air during the IGY which coincided with what was anticipated to be a good year as far as sunspot activity. As it turned out, cycle 19 proved to be the highest recorded sun spot activity and that record still stands, 50 years later.

Another factor which made these openings interesting was the fact that Hawaii had gained statehood on August 21, 1959 and was the last state required for WAS on 50 Mhz. Many of the West Coast stations that contacted me were attempting to obtain the coveted WAS on 50 MHz and really expressed an interest in getting my QSL card. The operating during a great band opening was a lot of fun, but the work began after the band closed. I made it a policy to QSL 100% and although the cost was not that great—still only 3 cents a card, the time required to research the address information and then fill out the card took much more time then the contact itself.

Having notified the FCC Engineer in Charge in Honolulu, I was able to operate under my own call as W3BJG/KH6 which was an asset during band openings. That call stood out among the other KH6 stations during band openings.

I know I contributed to several of the W6 and W7 call area hams among the first to obtain their WAS 50 on 50 Mc certificate.

During one exceptional band opening, there was a two (2) hour period where I worked fifty (50) different stations just as fast as I could log them. See Appendix 3.

Appendix 1

| | | |
|------|--------------|-------------------------------------|
| 1953 | Harvey-Wells | TBS Bandmaster Senior |
| 1953 | Gonset | Super "6" Amateur Converter |
| 1953 | Concord | Sonar MB-26 Various, including 6&2M |
| 1953 | Monitoradio | 2 & 6M Receiver |
| 1953 | RME | MC-53 3 Band 2, 6,10-11M Conv. |
| 1955 | Gonset | Communicator 2M and 6M models |
| 1956 | GE Ham News | Simple-Sixer Converter |
| 1956 | National Co. | HRO-60 Receiver, 50-54 MHz optional |
| 1956 | WRL | 6 M converter |
| 1956 | Ameco | Low Pass Filter |

Continued on the next page.....

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Appendix 2

The 50th State VHF Club published a Propagation Forecast for 6 Meters, October and November 1959.

| Path | 2 October 1959 | |
|-----------------|----------------|-----------|
| | October | November |
| Okinawa | 1300-1400 | 1200-1800 |
| Eniwetok | 1400-1800 | 1000-1900 |
| East Coast U.S. | --- | --- |
| Philippines | --- | 1300-1600 |
| West Coast U.S. | 0900-1400 | 0900-1400 |
| Japan | --- | --- |
| Alaska | --- | 1100-1300 |
| Midwest U.S. | --- | --- |

These openings are of a general nature. Openings other than those noted may occur, depending upon atmospheric phenomena, pre-sunspot activity or scatter. Times listed indicate periods when MUF reaches or exceeds 50 mcs.

Appendix 3

The following is a brief summation of 6M band openings I was fortunate in operating during 1959-1960. Only states or countries are listed and times are local, Hawaiian time. W = worked. H = heard

| Date | Time (Local) HST (GMT) | Call Area(s) (Prefix) | W or H |
|---------|---------------------------|--------------------------|--------|
| 3/15/59 | 2305 | VK9 | W |
| 3/15/59 | 2312 | VK4 | W |
| 3/15/59 | 2328 | VK4 | W |
| 3/15/42 | 2342 | VK4 | W |
| 3/16/59 | 1444 | PY5 | H |
| 3/16/59 | 2207 | VK4 | W |
| 3/16/59 | 2218 | VK4 | W |
| 3/16/39 | 2230 | VK4 | W |
| 3/21/59 | 2150 | VK4 | W |
| 3/21/59 | 2213 | VK4 | W |
| 3/21/59 | 2242 | VK4 | W |
| 3/21/59 | 2300 | VK4 | W |
| 3/21/59 | 2331 | VK4 | W |
| 3/21/59 | 2332 | VK4 | W |
| 3/24/59 | 2236 | VK4 | W |
| 3/29/59 | 2211 | VK4 | W |
| 3/29/59 | 2226 | VK4 | W |
| 3/29/59 | 2243 | VK4 | W |
| 3/29/59 | 2316 | ZL1 | W |
| 3/29/59 | 2335 | ZL2 | W |
| 3/29/59 | 2350 | ZL2 | W |
| 3/30/59 | 0015 | VK4 | W |
| 3/30/59 | 0024 | VK9 | W |
| 3/30/59 | 2244 | VK4 | W |
| 3/30/59 | 2312 | VK4 | W |
| 3/30/59 | 2323 | VK9 | W |

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.....continued from previous page. (6 Meters—the Early Years)

| | | | |
|---------|------|-----|---|
| 3/30/59 | 2333 | VK4 | W |
| 3/31/59 | 2225 | VK4 | W |
| 3/31/59 | 2241 | VK4 | W |
| 4/1/59 | 2309 | VK4 | H |
| 4/1/59 | 2309 | VK4 | W |
| 4/1/59 | 2323 | VK4 | W |
| 4/1/59 | 2333 | VK4 | W |
| 4/1/59 | 2345 | VK4 | W |
| 4/5/59 | 1427 | LU4 | W |
| 4/5/59 | 1435 | LU3 | W |
| 4/5/59 | 1440 | LU8 | W |
| 4/5/59 | 1445 | CX1 | W |
| 4/5/59 | 1450 | LU2 | W |
| 4/5/59 | 1453 | LU2 | W |
| 4/5/59 | 1457 | LU5 | H |
| 4/5/59 | 1520 | LU3 | W |
| 4/5/59 | 1536 | LU9 | W |
| 4/5/59 | 1546 | CX1 | W |
| 4/5/59 | 1559 | LU9 | W |
| 4/5/59 | 1606 | LU3 | W |
| 4/5/59 | 1614 | CE3 | H |
| 4/5/59 | 2314 | VK9 | W |
| 4/6/59 | 2159 | VK4 | W |
| 4/6/59 | 2213 | VK4 | W |
| 4/7/59 | 2130 | VK4 | W |
| 4/7/59 | 2307 | VK4 | W |
| 4/7/59 | 2358 | VK9 | W |
| 4/16/59 | 1415 | LU3 | W |
| 4/16/59 | 1457 | LU2 | W |
| 4/16/59 | 1511 | LU2 | W |
| 4/16/59 | 1530 | LU3 | W |
| 4/16/59 | 1547 | LU5 | W |
| 4/16/59 | 1613 | LU9 | W |
| 4/30/59 | 2358 | VK9 | W |
| 5/5/59 | 2321 | VK4 | W |
| 5/10/59 | 2212 | VK4 | W |
| 5/10/59 | 2231 | VK4 | W |
| 5/10/59 | 2242 | VK4 | W |
| 5/10/59 | 2332 | VK4 | W |
| 5/30/59 | 2334 | VK9 | W |
| 7/3/59 | 2259 | VK9 | W |
| 7/29/59 | 2339 | VK9 | W |
| 7/30/59 | 0001 | VK9 | W |
| 8/8/59 | 2303 | VK4 | W |
| 8/10/59 | 2251 | VK4 | W |
| 8/10/59 | 2335 | VK9 | W |
| 8/11/59 | 0001 | VK4 | W |
| 8/11/59 | 0020 | VK9 | W |
| 8/11/59 | 2323 | VK9 | W |

Continued on the next page.....

.....continued from previous page. (6 Meters—the Early Years)

| | | | |
|----------|--------------------|--|----|
| 8/17/59 | 2319 | VK4 | W |
| 8/17/59 | 2340 | VK4 | W |
| 8/21/59 | Statehood ! | | |
| 9/2/59 | 2245 | VK4 | W |
| 9/17/59 | 2304 | VK9 | W |
| 11/1/59 | 0917-1244 | 50 Stateside QSO's including W6, W7, Calif and Arizona | |
| 12/15/59 | 0953 | K6JYJ | H |
| 12/15/59 | 1000 | K6HWD | W |
| 1/10/60 | 0922 | K6HGT | W* |
| 1/10/60 | 0925 | W6FZA | W* |
| 1/10/60 | 0929 | K6HCP | W* |
| 1/10/60 | 0929 | WA6GEF | W* |
| 1/10/60 | 0934 | K6MMT | W* |
| 1/10/60 | 0939 | WA6GXN | W* |
| 1/10/60 | 0943 | K6LLK | W* |
| 1/10/60 | 0947 | K6EOS | W* |
| 1/10/60 | 0951 | K6RMX | W* |
| 1/10/60 | 0955 | W6KIN | W* |
| 1/10/60 | 0959 | W6LQM | W* |
| 1/10/60 | 1002 | W6JTC | W* |
| 1/10/60 | 1005 | WA6COS/6 | W* |
| 1/10/60 | 1010 | K6QMK | W* |
| 1/10/60 | 1017 | K6LCL | W* |
| 1/10/60 | 1018 | K6GOH | W* |
| 1/10/60 | 1024 | WA6JOT | W* |

Stations marked with W* were worked utilizing a one (1) tube Super-Regen Receiver. Just told everyone to move up the band to get out of the local QRM !

| | | | |
|---------|------|----------|---|
| 1/10/60 | 1053 | WA6GRO | W |
| 1/10/60 | 1058 | K6TPO | W |
| 1/10/60 | 1108 | W7ZOW | H |
| 1/10/60 | 1115 | W7JAX | W |
| 1/13/60 | 1009 | W7DYD | W |
| 1/13/60 | 1015 | W7RGS | W |
| 1/13/60 | 1025 | K7ERW | W |
| 1/13/60 | 1052 | WA6DQZ | W |
| 1/14/60 | 0937 | K6UMM | W |
| 1/14/60 | 0945 | W6AJF | W |
| 1/14/60 | 0951 | K6UWD | W |
| 1/14/60 | 0956 | W6WIT | W |
| 1/14/60 | 1002 | K6OCF | W |
| 1/14/60 | 1007 | WA6DRH | W |
| 1/14/60 | 1011 | K6QAX | W |
| 1/14/60 | 1016 | K6JJU | W |
| 1/14/60 | 1023 | WA6BMR/6 | W |
| 1/14/60 | 1027 | K6OFJ | W |
| 1/14/60 | 1032 | K6QQA | W |
| 1/14/60 | 1034 | WA6BZA | W |
| 1/14/60 | 1039 | WA6IFR | W |
| 1/14/60 | 1043 | WA6FLX/6 | W |
| 1/14/60 | 1047 | WA6DTO | W |

Continued on the next page.....

.....continued from previous page. (6 Meters—the Early Years)

| | | | |
|---------|------|--------------|---|
| 1/14/60 | 1320 | VE7's | H |
| 1/15/60 | 0915 | K6QMA | H |
| 1/15/60 | 0919 | K6JKA | W |
| 1/15/60 | 0927 | K6UMM | W |
| 1/15/60 | 0930 | K6PXT | H |
| 1/15/60 | 0935 | W6WIT | W |
| 1/15/60 | 1020 | WA6IFR | W |
| 1/15/60 | 1026 | W7ACD | H |
| 1/15/60 | 1050 | W7RDY | W |
| 1/15/60 | 1103 | K6WYQ | W |
| 1/15/60 | 1300 | JA1,JA9, JA0 | H |

2/13/60 Operation from KH6 land terminated. Station torn down.

Many lapses in DX contacts were due to either the lack of good band conditions or the fact that I often deployed to the Midway Islands as part of a flight crew. Several other operators were authorized to utilize my station and were fortunate in making a few DX contacts themselves.

Submitted by Glenn Kurzenknabe, K3SWZ

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
 145.430 (67) South Mountain Repeater Association, Mt Holly Springs
 146.46 + 1mhz (67) Western Cumberland County & Perry County, Echolink N3tw-t-r

Thanks for all the help! Backyard Mast Raising

by Keith Ostertag, N3KXZ

With the help of several local Hams, I put up my first HF antenna on Saturday 9/28/13.

Those who showed up to help on that Saturday morning were:

Joe (K3SZH)

Richard (KB3YRC)

Adam (K3AMW)

Terry (KA3ECQ)

Rick (K2RBT)

and of course myself, Keith (N3KXZ)

My backyard in Paxtang is only about 75x30 feet. I wanted to run a horizontal wire as a first antenna, and decided to erect a mast at the far end of the property, then run an end-fed wire to it from my 2nd floor window. I presently don't own any Ham gear, and plan to begin homebrewing some receivers and accessories. (Contact me if you have some inexpensive gear to sell).

I bought 12 of those green military 4-ft fiberglass pole sections intending to use as many as practical, tied with rope wire guys to 8-ft 2x2's of treated lumber which were strapped to my chain link fence. I used those new flat cable clamps that are aluminum with stainless steel screws (nice!).

When the men showed up, I had everything setup, or so I thought. After some discussion, we attempted several ways to raise the mast but quickly found that even just using 9 of the 4-ft sections was not going to work- the mast was too flimsy even with several men on the mast and several on the guys. In fact, at one point we broke one of the fiberglass sections while attempting to raise it. It seems I should have either used a tripod similar to the club's, or bought aluminum mast sections instead (sigh). So we eliminated several of the sections until we could raise part of it, then added a few more sections from the bottom (with Joe on a ladder holding the top!). We ended up using 7 sections. It was a beautiful morning, and it only took about an hour of the guys' time.

The bottom mast section was strapped to the chain link fence at a post using those stainless steel wormgear straps. That held the mast safely vertical until we could tie off the guys. After some more discussion, it was decided that the 2x2's used for anchoring the guys should be replaced with 2x4's. This I did after the men left, and the mast was completed later that day.

Most of the hams involved (evidently) found out about the event Thursday night after I had emailed Rich (AB3RK), who subsequently forwarded my request for help to Gary (WA3CPO).

I'm not clear if it was Gary or Joe who announced it over the air Thursday night...I'm still just getting to know the local hams and clubs.

Submitted by Keith Ostertag, N3KXZ

(Pictures on the next page)

Backyard Mast Raising at N3KXZ's Domicile



shack

2nd guy wire set

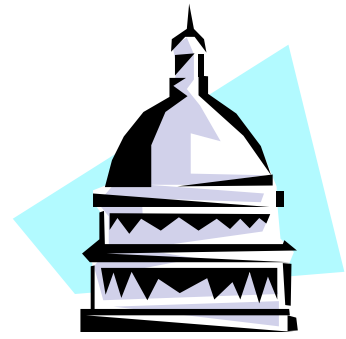
4x4's



W3UU - **Harrisburg Radio Amateurs' Club** – WinterFest

JANUARY 18th 2014

(Saturday)



WINTERFEST

“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.
- ◆ **First table free. Additional tables \$3.00 each!**
- ◆ 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. If you can use ½ table, please do so. (based on demand)

No reserved table space

Unloading can be done at the main doors, and then move vehicle to parking area

General Admission: 8:00 AM

Web Site: www.w3uu.org

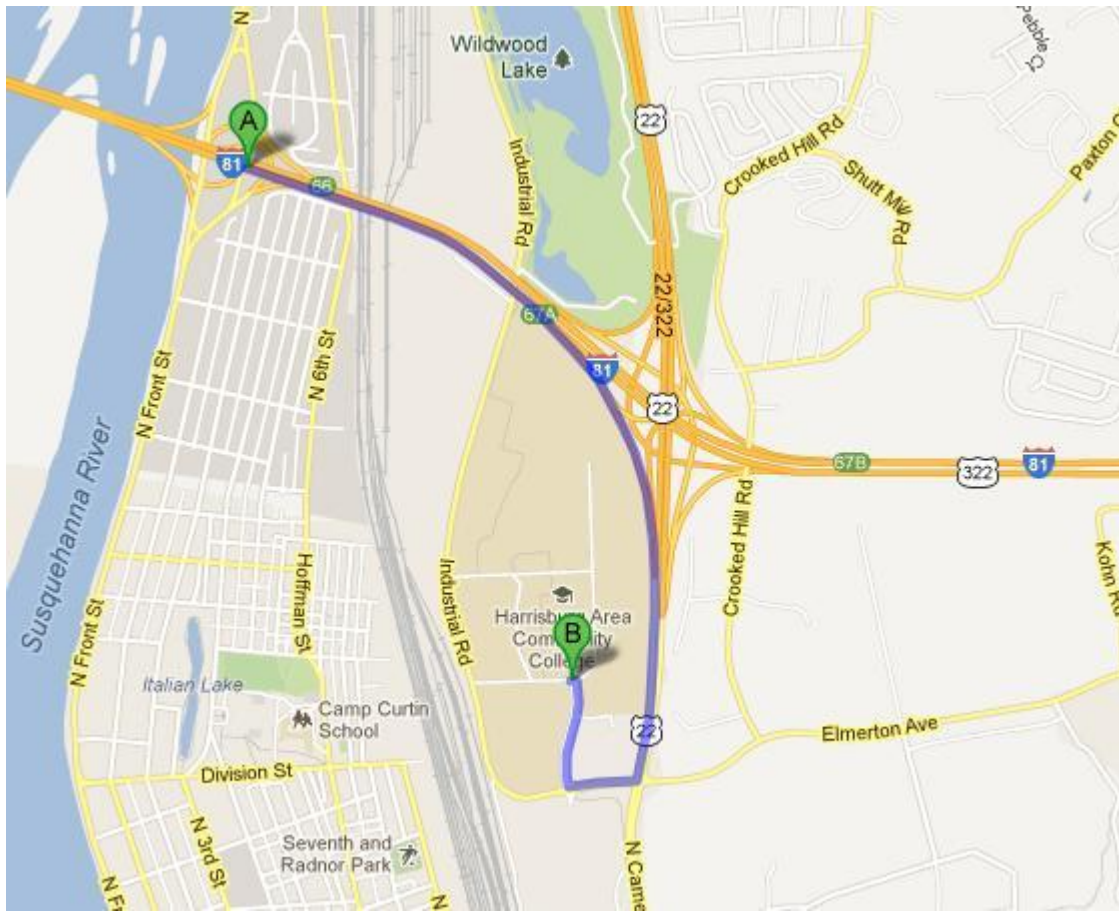
For further information or questions contact:

Tim Lehman

717-982-8550

kb3oza@arrl.net





Driving directions to Harrisburg Area Community College



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



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

MAIL TO:
Tim Lehman (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 _____

SIGNATURE _____ DATE _____

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