

# 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

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

Greetings,

I would like to congratulate the recipient of the "Ham of the Year" award for 2013, Gary Cappello (KV3Q). Gary has done an outstanding job of creating and maintaining the club's new web page. He has also been an invaluable member of our VE team, giving of his time and expertise to promote our hobby through the licensing process.



Our next major project, the Firecracker hamfest, although on July 7, 2014, is already being planned. Lots of work has already begun. The promotion of the event and procurement of vendors is only a small part. If you would care to help it would be greatly appreciated. Contact me.

I was reading an article in the March QST about where ham radio has been and where it is going and what the next generation of hams might do to get it there. As most of you know, I am involved in Boy Scouting and I try not to miss any opportunities to introduce scouts to ham radio.

I recently had an opportunity to teach a Radio merit badge class for a group of scouts. One of the requirements for the merit badge is to actually get on the air and make a contact. Most of the boys were a bit mike-shy at first, but warmed up quickly, especially when they realized that the person that they were talking to was about their age.

I had my youngest, Pete (KB3WIH), standing by in his shack to help handle this portion of the class while I acted as control operator and coached the scouts through their part of the QSO. Some of them just did it because it was a requirement while others really got into it. Seeing the excitement in their faces while on the air and seeing that "Oh, now I get it" light come on during instruction is what makes it all worthwhile for me.

If you have an opportunity to introduce others, especially youth, to amateur radio, do it. They might not run right out and become hams, but at least you've planted a seed. Who knows, you might just be introducing a future president of the ARRL to ham radio.

73,

Tim Lehman  
KB3OZA

# February Meeting Minutes

The February 12, 2014 meeting of the Harrisburg Radio Amateurs Club was called to order at 1908 HRS by the President, Tim (KB3OZA). The location of the meeting was Fire Mountain on the Carlisle Pike in Mechanicsburg; it was the annual Ham Feast. There were approximately 26 people in attendance.

Joe (KQ3F), Tim (KB3OZA), and Terry (WB3BKN) reported that the club's storage unit in Dauphin was broken into a few weeks prior. After looking thru the unit it was determined that nothing was missing. When the weather gets warmer the club plans to do a complete inventory of every item stored in the unit.

A motion was made by Shelby (K3EMT) and seconded by Chuck (N3WL) to suspend the business portion of the meeting until March and proceed with the Ham Feast, beginning with door prizes.

Ham of the Year for 2013 was awarded to Gary Cappello (KV3Q).

The Yaesu FT-7900 was won by Tim Lehman (KB3OZA).

A great time was had by all!

73,  
Shelby Minier, K3EMT  
Secretary





More Ham Feast Pictures.....



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!

**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!



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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.



# Long Delayed Echoes.....


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

Compiled by Mark Robinson (WB3JIS)

Recently I was talking to a ham friend whose club has erected the first D-Star repeater in their area. This prompted me to bring up the phrase "to contribute to the advancement of the radio art" as found in FCC regulations Part 97.1.b. We all remember that from the test, right? This month's topic is from February 5, 1953 and is testimony that HRAC was performing that service 61 years 1 month ago.

GOODWIN L. DOSLAND, W0TSN, PRESIDENT WAYLAND M. GROVES, W5NW, VICE PRESIDENT	A. L. BUDLONG, W1BUD, SECRETARY & GENERAL MANAGER	F. E. HANDY, W1BDI, VICE PRESIDENT DAVID H. HOUGHTON, TREASURER
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## THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED  
A MAGAZINE DEVOTED ENTIRELY TO AMATEUR RADIO

ADMINISTRATIVE HEADQUARTERS

**WEST HARTFORD 7, CONNECTICUT, U.S.A.**

CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**

February 5, 1953

Harrisburg Radio Amateurs Club  
 Mr. Fred R. Mumma, Secy.  
 40 West Main Street  
 Mechanicsburg, Cumberland County  
 Pennsylvania

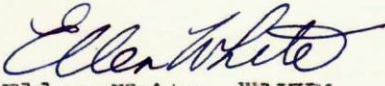
Dear Mr. Mumma:

The York area is one of the very first areas to have UHF television. With WSBA-TV commercially in operation on Channel 43, the amateurs in your organization and in the general area are learning rapidly what operating conditions are likely to be in regards to the interference problem.

Through the medium of the affiliated clubs, we're trying to obtain information on how actual operating conditions are, and what interference problems (if any) are arising. We'd appreciate it if you would inform your club of this request so word can reach other amateurs in your vicinity. As you can well imagine, we receive many requests for information on UHF amateur interference. The only way we can indicate this is through information received from amateurs in the field who are operating along with UHF television.

Let's hear from you soon! 73.

Sincerely,



Ellen White, W1YYM  
ARRL Interference Section

EW:aw

## Wouxun Failure

As a follow-up to the item about Wouxuns failing as discussed at the last meeting and included in the newsletter, my KG-UV3D 2m/440 (Powerwerx model) lost all its memories and is talking to me in Chinese.

This is the oldest of my Wouxuns, but it has not been used heavily.

I have two other Wouxuns, both 2m/220 models that are not as old, nor as frequently used. I suppose it is just a matter of time before they go belly-up, too.

Bottom line: don't depend upon a Wouxun for critical situations.

73, Nick, AA3T

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

## 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

## Link to Repeater and Net Lists

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

Same lists that used to be in the newsletter.....but 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)



## Encrypted Static

It never ceases to amaze me the number of mind control and covert communication schemes that are unleashed upon the Amateur Radio spectrum on a daily basis. While my staff is usually able to discover the scheme is a far more difficult task to discover the source of such intrusion. This month our discovery has lead us to look at ENCRYPTED STATIC!

While our investigations have lead us to look at the bands used by REAL HAMS we continue our quest into this serious matter. What better place to use encrypted static but the HF bands used by Amateur Radio Operators worldwide? Not being a real Ham I have seen and heard operators on these frequencies to operate their receivers in a way that their squelch knob might as well not even be included on the radio! It is set in the wide-open position with all the noise and static making its way to the operator's auditory nerves {ears}. This mode of receiver operation is usually not found when the operator is using the receiver in the FM mode. So the Real Ham becomes highly susceptible to the encrypted messages hidden amongst the static and noise. As a Ham sits listening, concentrating to hear that far off weak transmission he/she never notices the subtle intrusion of the message into his/her gray matter {brain}. What kind of messages might be sent to the unsuspecting operator? Messages such as buy a new radio, watch the big game, stay up all night playing radio, yell at kids walking on your lawn are all possible messages that could be sent. Of course there are messages of a more serious nature that make me shutter to even imagine the ramifications from, the messages from the hollow earth or perhaps extraterrestrial beings are too much for even me to contemplate!

As most can remember the days before cable and digital TV the show the Outer Limits where your TV set was taken over by beings too horrible to mention, where at the beginning of the show STATIC! How many times have you awoken in front of the TV with only snow on the screen and static coming from the speaker.

In some cases the elderly were extremely vulnerable to this type of encrypted static spending hours in front of a hissing television set, falling into a semi conscious state where subliminal messages could be implanted in ones subconscious mind.

My advice for all the REAL HAMS out there is until some kind of filters are developed to mitigate the effects of these encrypted static messages is to use the squelch control to its full capacity or else one may end up spending more time with one's significant other for some unknown reason. Or become an expert in a digital mode that could be operated without the sound being heard by just watching the waterfall display...OH wait; you don't think more messages could be hidden in the patterns on the waterfall display! I guess there is only one thing left to do and that is to open my treasure of vintage comic books and enjoy again the adventures of Archie and Jughead.

Till next time.....

Steven, KA3PDQ

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### 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!

## Successful Standby Operation During February's Ice Storm

Last week (week of February 3<sup>rd</sup>) I sent a section-wide notice to all to consider 3917 MHz and the EPA Emergency Phone and Traffic Net ("EPA EPTN") as our EPA gathering spot if the expected situation with the ice storm turned ugly. Well, I want to report a successful standby activation of the EPA EPTN for last week's Nor'easter Snow Storm.

Even the formal NTS nets had check-in numbers not seen since the early 1980s. We had perhaps a dozen informal watch announcements from stations monitoring 3917 MHz when no directed net was in session. No doubt the devastation of last week's earlier ice storm bore on the need for radio preparedness.

The geography of EPA section was represented fairly well. I believe all five EPA ARES Districts were included. Some EOC ARES/RACES stations appeared on the frequency during the watch period.

Many of the check-ins during the formal net or undirected watch net were not regular NTS net members. Of those, I believe some were old timers perhaps inspired; others were pure RACES government stations who haven't been on the section HF net before. We were pleased with the results and it speaks volumes for what we could be or do in the future.

As proof of concept, I believe it doesn't get any better than this:

3917 MHz can serve as a section-wide Guard Frequency under the auspices of the EPA Emergency Phone and Traffic Net organization, our EPA NTS team par excellence. We will develop this concept with your help in the future. Thank you for your participation, whether you checked in or just monitored from time to time. Let me know what you think.

See you on the radio. 73

Bob Famiglio, K3RF

EPA SM

*From The ARRL Newsletter, Submitted by Glenn Kurzenknabe (K3SWZ)*

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## 2014 Exam schedule for the Harrisburg Radio Amateur's Club VE Team

- April 19, 2014-HACC Harrisburg Campus-Shumaker Public Safety Center, Gate 5 on Industrial Rd, Harrisburg, PA (9:00 AM)
- June 21, 2014 -HACC Harrisburg Campus-Shumaker Public Safety Center, Gate 5 on Industrial Rd, Harrisburg, PA (9:00AM)
- July 5, 2014-FIRECRACKER HAMFEST HACC Harrisburg Campus-Shumaker Safety Center, Gate 5 on Industrial Rd (11:00AM)
- August 16, 2014-HACC Harrisburg Campus-Shumaker Public Safety Center, Gate 5 on Industrial Rd, Harrisburg PA (9:00AM)
- October 18, 2014-HACC Harrisburg Campus-Shumaker Public Safety Center, Gate 5 on industrial Rd, Harrisburg, PA (9:00AM)
- December 20, 2014-HACC Harrisburg Campus-Shumaker Public Safety Center, Gate 5 on Industrial Rd, Harrisburg, PA (9:00AM)

Links  
to the  
club's  
social  
media  
pages

[Twitter Link](#)



[Yahoo Group  
Link](#)



[Facebook  
Page Link](#)



## 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. (Both here and on our website)

If you have anything to list, email [shelbyminier@gmail.com](mailto:shelbyminier@gmail.com).



**Sam (WT3Q) has some items** contact him at [wt3q@comcast.net](mailto:wt3q@comcast.net) or by cell at [717-468-0302](tel:717-468-0302).

- Kenwood tm 2570 70 watt 2meter \$50
- New Array Solutions AIM 4170 in the plastic case w/usb cable list is \$645 asking \$450 never used
- Yaesu 736r \$600
- Fts-8 tone unit \$100
- 1.2 ghz module for above \$600 I'll make a deal on both
- Yaesu ft-1000D asking includes IF-232 interface \$1400  
And an extra 250 hz cw filter
- Bird RF analyst model 4381 \$250
- Also have a couple HT's I for 220 mhz offers???
- Yaesu FT-920 HF + 6 meters with speaker NEW in box never used \$875
- Yaesu FT-100 HF 440 to 160 meters remote head,cable box manual mike all included \$600 obo
- Yaesu VX-5R \$100
- Yaesu FT-8100 dual band mobile needs Mike one included though, asking \$275
- Yaesu FT-8800 dual band mobile manual included asking \$400 obo
- IC-2at 3 with accessories chargers all 3 \$100

**Offers considered on all items.**

## Camp Muckleratz Horse Ride

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 Elizabethville.

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

Volunteers are need 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



# 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**

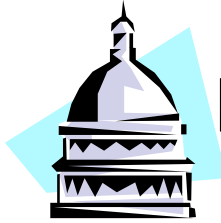
**NEW DATE**

**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)**

**Special Event Station**  
**W3W**  
 In operation at the Convention

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

- 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**