

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)

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# **Harrisburg Radio Amateur's Club Newsletter**

## **From The Desk of The President.....**

It has been an interesting summer so far, to say the least. Field Day and the Firecracker hamfest were both impacted by the weather, but everyone who showed up seemed to have a good time, so it wasn't a total loss. I want to thank everyone who pitched in to make these events happen. Even more important though, I want to thank all of the brave souls who ventured out to attend the Firecracker. If we didn't have you buying tickets at the gate we wouldn't have a hamfest.

I spent the months of June and July at a Boy Scout camp in Union county. I was mainly working as the health officer, but I got to do a number of other things as well. In addition to passing out Ritalin three times a day to various scouts and treating minor cuts and scrapes and poison ivy, I helped out in several non-medical areas.

I helped get the swimming pool up and running when a pump in the filter system died. I set up and maintained their computer network. And I reprogrammed their new hand held radios to the same frequencies as the existing radios. I think it's safe to say that they definitely got their money's worth out of me.

Now that the Firecracker hamfest is over and we've all had a chance to catch our breath, it's time to start preparing for the winterfest. I hope we can get enough details worked out to have flyers ready to distribute at the final two or three "local" hamfests of the year. I enjoy going to hamfests and this gives me a great excuse to use when the XYL looks at the calendar and sees "hamfest" listed as a Saturday activity.

With the next club meeting less than a week away, I guess I better get this off to Mr. White for publication. If I mess this up, I doubt that even Superman could save my bacon. HI See you at the meeting.

73,

Tim KB3OZA

# July Meeting Minutes

The July 8, 2015 meeting of the Harrisburg Radio Amateurs Club was called to order at 1900 HRS by the vice president, Nick (AA3T).

**Secretary Report** - The minutes of the May meeting were published in the newsletter. Rick (K2RBT) made a motion to accept the minutes seconded by Joe (K3SZH). Motion PASSED

**Treasurers Report** – Joe (KQ3F) presented the treasurer’s report. Rick (K2RBT) made a motion, seconded by Richard (KB3YRC) to accept the report. Motion PASSED

**Equipment Trustee** – Terry (WB3BKN) reported that:

- The trailer is empty and all the equipment is in the storage unit.
- There was a suggestion made to create a committee to oversee the trailer modifications.
- Terry (WB3BKN) will donate pallets for the storage unit.

**Repeater** – No Report

**VE Committee** – There was a test session at the Hamfest on the 4<sup>th</sup> of July, there was about a 50% pass rate. No walk-ins will be accepted at future Hamfests.

**Membership Committee** – No Report

**Newsletter** – Terry (WB3BKN) reported that there is a request for hamfest pictures for the newsletter.

**Web page** – Not Present

**EMCOMM** – There will be a state-wide digital exercise on September 5<sup>th</sup> and the 19<sup>th</sup>

**DXCC** –No Report

**Entertainment** –This month will be the ice cream social, there is no topic planned for next month.

**Hamfest** – Nick (AA3T) gave a recap of the fest. There was discussion for setting the date for the Winterfest. Jan 23 was suggested. There will be no testing at the Winterfest. We will check with HACC for availability.

**Field Day** – The club operated only 2 stations and did not have a picnic on Saturday evening. Someone will submit the log data to ARRL.

**Elmer Time** – Next month Terry (WB3BKN) will do a presentation about what to look for in a new radio. It will be 2 parts, one for VHF and one for HF. Future topics include Fox-hunting.

**Old Business** –

- Joe put the club in for the bonus station for the PA QSO party, the 2<sup>nd</sup> full weekend of October.
- Steve (KA3PDQ) would like to retire from Net Control for the weekly net.
- There will be a special event station at the old Turnpike tunnel on Aug. 22. All are invited.

**New Business** – There was a letter received from a ham in Manheim looking for help setting up equipment.

- The club trailer needs to be outfitted with equipment, there was discussion of setting up work days as well as creating a committee for design.

**Good of the Club** –

- The Muckelratz Horse Ride will be on July 25-26 at Wiser State forest, radio coverage is needed, contact WQ3P for details.

**Adjournment** – There being no further business to conduct, Chuck (N3WL) made a motion, seconded by Rick (K2RBT), to adjourn. Motion PASSED

Meeting adjourned at 2019 HRS.

# 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 [hrac.newsletter@Yahoo.com](mailto:hrac.newsletter@Yahoo.com)

The next VE Testing session will be on Saturday August 15, 2015 in the HACC Shumaker building at Gate 5 on Industrial road, Harrisburg, PA. Pre-Registration is required. Please arrive by 8:30am

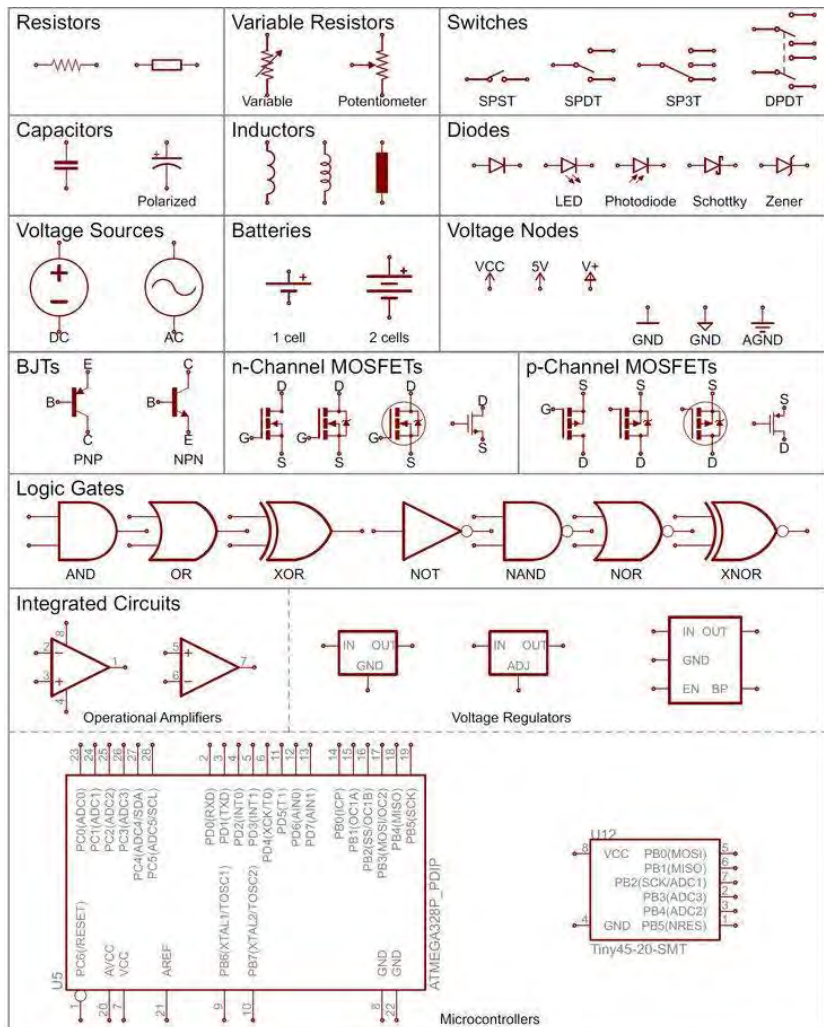
Contact: Steven Gobat [717-938-6943](tel:717-938-6943) Email: [KA3PDQ@arrl.net](mailto:KA3PDQ@arrl.net)

KA3PDQ, Steven

I welcome subjects for the Elmer Time sessions from anyone, including our seasoned radio amateurs. Subjects should be something to expand on questions in the license exam that may need a clearer understanding. Either email the ideas to me at [Terry@DJTerry.com](mailto:Terry@DJTerry.com), or text at 717-979-9515.

Tnx 73

Terry WB3BKN



# Two Great Amateur Radio Events in October

Don Kunst, W3LNE



The New Birth of Freedom Council will hold their Wizard Safari October 2, 3, 4 at 1073 Accomac Road, Hellam, PA, York County. This event is only held every 4 years and is the oldest and largest Scouting event run by the New Birth of freedom Council. <http://newbirthoffreedom.org/>

You may remember at the Gettysburg 150 I had set up a Ham Radio station near the medical tent for Scouts and Scouters as well as our Amateurs to talk around the world. I have received permission to plan to do this again at the Wizard Safari, but I need Amateurs to help staff it. The goal will be to use the K2BSA/3 call sign as a special event station and let the world hear about the great time we are having at the Safari and to introduce Scouts to Amateur Radio, the Merit Badge and have some fun. I especially hope that our Scouts and Scouters who are Amateur Radio Operators will support this event. In keeping with the event I hope to have Telegraph demonstration.

If you or your club are interested in helping, please contact me by email.



The 6<sup>th</sup> Annual JOTA, Jamboree On The Air, is October 16, 17, 18 in Upper Dauphin County. This weekend of camping gets bigger every year, with some exciting new activities this year. We still will have the Radio Merit Badge and tons of fun. If you haven't attended this event in the past years, it is the one to put on your calendar for the fall. <http://www.k2bsa.net/jota/>

Please let me know if you are interested in attending or staffing this great weekend. This is open to all Troops and Venture Crews in the Council.

I can be reached via email at: [w3lne@arrl.net](mailto:w3lne@arrl.net) or by phone at: 717 712-9116

## Ohm's Law

$$E = IR \quad I = \frac{E}{R} \quad R = \frac{E}{I}$$

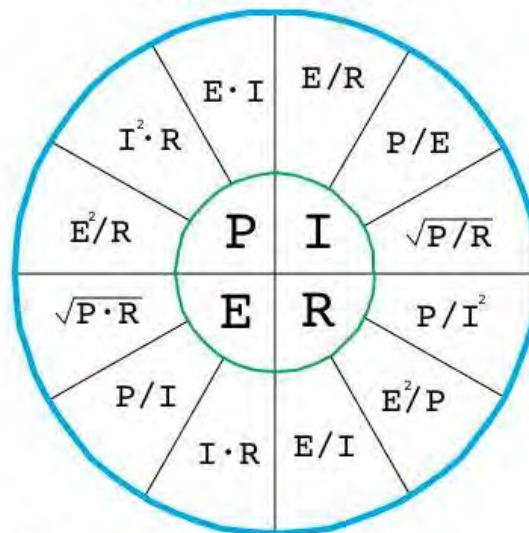
## Joule's Law

$$P = IE \quad P = \frac{E^2}{R} \quad P = I^2R$$

Where,

- E = Voltage in volts
- I = Current in amperes (amps)
- R = Resistance in ohms
- P = Power in watts

## Ohms Law Chart



- E = Voltage
- I = Amperes
- P = Power in Watts
- R = Resistance in Ohms

## **Copper Thieves Hit Local AM Radio Station**

Tuesday, July 21, 2015 8:33 PM EDT

By Amanda Ketchledge

A local radio station went off the air for some time the other day, all because of two major copper thefts.

Radio stations like the 1400 AM station, are big targets nowadays with copper transmission lines buried under the ground. When the lines were cut at KNNR's tower, the owner had to act fast to get the station back up and running.

"We're on the air because we have a generator. I have to keep extra people, this is extremely costly. It's not enough to come to an insurance deductible. It's all coming out of our pockets," said Fred Weinberg, CEO of KNNR.

AC power wires were cut, exposing vandals to radio frequency energy, possibly burning their skin. But the thieves were able to make it off with a hefty amount of copper cable, 2,500 feet of it.

Washoe County Sheriff's Office says it hasn't seen much of this type of crime though. Deputy Jeff McCaskill with Washoe County Sheriff's Office said, "It's mostly on a decline, however, we're still seeing a few instances where people are attempting to take the metals that they're finding and obviously scrap them for a little less."

Copper is not as expensive as it once was, but it still fetches a fair amount for scrap dealers. Weinberg expects to pay \$5,000 to \$6,000 to replace the copper wire, while the thieves will only sell it for a mere couple hundred dollars or less. When thieves steal the copper and cause the station to go off the air, it's a bigger problem for the public.

A school lock down or anything, our radio station is off the air, we're operating at reduced power. We're not serving the public as well as could be," said Weinberg. And law enforcement is advising businesses or properties with expensive metals to be on the look lookout for copper thieves.

"Make sure you lock things up, make sure that things are secure. You keep an eye on those areas often to make sure people aren't in the area. And by all means, if you see anything suspicious, don't hesitate to call," said McCaskill.

The criminal offense for stealing copper from a licensed transmission site like this one is no joke, it's a felony.

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## **ARRL DX QSL Bureau mailing for HRAC members**

I plan to make the next mailing to the ARRL Outgoing QSL Bureau at the end of September for HRAC members who are also ARRL members, that have DX QSL cards to go out. (DX is defined as other than, the lower 48 states, in this case)

Please place the cards in prefix order according to the DXCC country list and get them to me with a current QSL mailing label or copy of same to prove ARRL membership. You can get them to me at the Ham Lunch on September 24. You can also give them to Chuck, N3WL, as I see him often.

This service is provided free to all HRAC members. You may send one card or a thousand. Questions -- feel free to call me at 774-1728 or [k3swz@arri.net](mailto:k3swz@arri.net)

73 de Glenn, K3SWZ

# EXPEDITION 2015

## TO THE TUNNELS AND BACK

As you should know by now there will be a Special Event Station to the abandoned PA Turnpike Tunnels on August 22, 2015. This is the story of two adventurous individuals whose story I will try to tell based on spoken information as well as photographs on this adventure.

WARNING THIS NARRATIVE INCLUDES SUBJECTS NOT USUALLY SEEN IN THIS PUBLICATION INCLUDING CHOPPERS, SABOTAGE, SATANIC SYMBOLS, HUNGER, THIRST, AND WILD TURKEYS!

First, reader please remember, I was not there but I have attempted to put together this story by the accounts relayed to me. In order to protect the reputations of the two adventurers I will only refer to them as Mr. R and Mr. S. The story begins as the expedition was being planned to finalize arrangements for the Special Event Station.

I was asked by Mr. S to go with but the cost of such a trip would outweigh the benefits on the home front. As I understand it the trip included a short walk to the tunnel site from a public parking area. Of course this where the story starts to get murky. The short walk turned in to a bicycle ride. The length of said ride went from 800 feet to 80 yards to about 8 city blocks to 8 miles then to over 80 miles as the story has been told over and over.

Mr. R and Mr. S are needless to say not youthful in any sense of the word and I think Mr. R only knows what a bicycle looks like from what he remembers from decades ago.

Well the plan has been hatched the two gentleman would ride bicycles to survey the site, it was also decided that they would visit both tunnels since they were on bikes. Well Mr. S said he would supply the bicycles since Mr. R only has vague memories of such machinery. The big day arrives and all is going well as the two travel to the parking area and prepare for the adventure.



Upon unloading the bicycles Mr. R quickly found out that his bicycle was to be one of the fold-up things like the clowns ride in the circus with little bitty wheels while Mr. S's bicycle is a manly multi-speed mountain bike well suited for the trip! Mr. R being the guy he is and still full of adrenalin made the best of the situation and dubbed his ride as Mr. R's Chopper. The two prepared



their mighty steeds for the trip (they taped flashlights to the handle bars). The first leg of the trip went very well(all downhill) and reached the first tunnel in no time with all the enthusiasm of school girls on their first date they proceeded to survey the area to what will become the site of the special event station. Both were amazed by the number of other people in the area who were there to take in the sights. As they entered the first tunnel the soon observed markings on the walls that indicated that the site may have been used for dark purposes! Pressing on they soon heard SINGING from a group of people who took this occasion to have their Sabbath Day worship.



Now being on the bikes for 15 minutes the two fearless men have realized that they brought little nourishment to replenish the calories being burned in their trek.

Mr. R has a medical condition that requires him to ingest large amounts of carbohydrates to the point that a IV flowing 100% liquefied SNICKERS bars is in the realm of being a necessity! Sensing desperation in Mr. S Mr. R opened his emergency rations and hesitantly shared some with Mr. S as Mr. R remembered the pictures of Zombies that are rumored to inhabit the area (there are pictures) and felt that the Zombies would smell the rations on Mr. S and would get him first.

After a rest and limited refreshments our Heroes looked ahead at the next monster challenge....the LONNG tunnel this is the monster they had come prepared to face

With flashlights taped in place they made the decision to soldier forward despite the ever present dangers! Entering the mouth of the beast they noticed the numerous warning signs hastily painted on the walls of the tunnel warning all to go back or surely face their demise from the danger in the tunnel. As they continued Mr. R noticed that the warning



signs had disappeared as the light from the ends of the tunnel quickly faded. Soon the explorers found themselves in TOTAL darkness! About this time Mr. S thought to himself maybe I should have at least brought extra batteries. Their mighty rides were not without issues as the tunnel was littered with debris, which was difficult to navigate in the total darkness, Mr. R at one point considered stopping his ride to examine a curiously shaped piece of debris but decided if it was what he thought it was (Zombie leftovers) it would be better to continue and to see daylight once again.



After what seemed like an eternity somewhere around mile 108 on their ride in the distance they could just see a hint of light. Mr. R breathed a sigh of relief as he was excited about nearing the end of the journey. At his time Mr. R suddenly realized that the duo was going to have to turn around and go back to where the car waited. He also realized that the trip so far was mostly DOWN hill and the return trip might require more effort than the trip so far. As they near the end all of a sudden a stick reached out and imbedded itself into the front tire of the chopper! The stick destroyed the tire and tube it was not to go any further! Pushing the chopper to the end of the tunnel and parking spot the two discussed how it may have been wise to

bring spares for the two hundred and eight mile adventure. At this point being near the end they were not alone as other adventurers were milling around. [Now at this point I must stop and in all fairness state that there was a possibility according to Mr. S that the tire may have been sabotaged by someone as to not have to ride the two hundred and eight miles back to the car.] People stopped and offered to help but they only had parts for manly bikes and not the custom clown chopper with tiny wheels. As there seemed no danger at the parking area Mr. S left Mr. R at the parking area and rode the three hundred and eight mile UPHILL journey to retrieve the car and return to rescue Mr. R and the clown chopper.

All was fine for Mr. R as he waited for the rescue, as the time progressed Mr. R noticed that he was suddenly all alone. Not to fear as he had his trusty flashlight and the clown chopper he could in Amateur Radio fashion use to make some kind of defensive weaponry! All of a sudden Mr. R heard some rustling in the woods that surrounded him.



About now he said out loud maybe we should have brought a couple of 2 meter handhelds for just such an emergency but being REAL Ham operators they had no need for such folly! Mr. R just realized that the noise he was hearing was the call of Wild Turkeys. Now how he knows what a turkey sounds like living in the wilds of Camp Hill I don't know, because I believe all wild life is illegal in Camp Hill except for Yippie Dogs!

Mr. R stood at heightened awareness on the look out for lions and tigers and bears.

After about 6 hours Mr. S finally made the four hundred and eight mile uphill trip to the car retrieving the car making the trip through the country side to rescue his fellow explorer and retrieve the clown chopper.

So come out to the Special Event Station and you too can live the ADVENTURE!

Writing for the HRAC Newsletter KA3PDQ



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# EPA ARRL Convention Wrap Up (The Firecracker Hamfest)

[Clubs](#), [Hamfests](#), [News Articles](#), [NTS Reports](#), [People](#)

by [EPA Staff](#)

The annual EPA Section convention at the Firecracker hamfest has come and gone once again. Here's a quick wrap up of the highlights.

## Parting of the Clouds

This July has been unusually rainy in Pennsylvania and Independence Day was no exception. A cold front dumped rain on the flea market all morning but, as if on cue, the skies cleared and the sun peeked through with the singing of the National Anthem at half past eight o'clock.

## Manning the ARRL Table

Atlantic Division director Tom Abernathy W3TOM was in attendance, manning the ARRL table inside the HACC utility building near the flea market. He was joined by his XYL Deborah KA3VNF and Atlantic Division Vice Director Bob Famiglio K3RF. They greeted quite a few of our fellow League members, and prospective members, throughout the morning. EPA SEC WT Jones WN3LIF took over mid morning as the Section meeting convened in the main classroom building next door. Director Abernathy enjoyed telling us he made a goal of visiting as many Field Day sites as possible and racked up over a thousand miles on his RV over FD weekend.

## Section Meeting

Classroom 210 had well-functioning air conditioning. It was a real treat since the relative humidity was approximately 90% with outside temperature to match.

EPA STM Scott Walker, the Section's traditional host, kicked off the meeting by welcoming Director Abernathy who brought us current ARRL news but more importantly explained the current status of the Amateur Radio Parity bill, H.R. 1301, presently making its way through the U.S. Congress and which is about to be introduced into the Senate. He explained how co-sponsors are necessary, how we go about gaining them, and how the ARRL uses our letters to lobby for cosponsors. He also demonstrated a new software tool from ARRL HQ that creates a letter on-the-spot to be hand delivered to Congress.

Vice Director Famiglio brought everyone up to date on the WN3A antenna tower lawsuit, explaining that his case has been appealed to the U.S. Third Circuit Court of Appeals, which is one step below the U.S. Supreme Court and why its decision affects amateurs in all of Pennsylvania, Delaware, and New Jersey. He also explained that a "friend of the court" filing from the ARRL would be an important help in the appeal.

STM Walker presented the traffic statistics for 2014 and the first half of 2015 and noted they were significantly higher over the previous year, especially QNI to the EPAEPTN.

EPA ASM and EPAEPTN NM Tom Mills AF4NC delved into the numbers a bit more, noting that traffic was also way up on the phone net but that PTN is maintaining itself.

Section Manager Joe Ames W3JY gave his talk on the "One EPA" project of unifying ARRL programs with EPA clubs to make full use of the talents and resources EPA is blessed to have, such as our BSA members, and how teamwork will preserve ham radio for the next generation.

## Section Awards Presented

ASM Mills conferred the [EPA Traffic Handler of the Year on Charles Schmill KS3Z](#). EPA SM Ames presented [Mark Aramowicz NT3V with the joint ARRL-Boy Scouts of America "Amateur Radio Service to Scouting Award"](#) and noted that Delco member and long time Scouter Richard Blank WB3BSA was also honored with the ARSSA to be presented at the Conestoga District round table in September.

[Three outstanding League members were presented the EPA ARRL Special Service Award](#) for their lifetime commitment to Amateur Radio and the ARRL's Field Organization. Roy "Hoppy" Hopkins W3TWV, Roger Franklin W3DWD and Reg Leister N3KAS were so honored.

In all, it was another successful Section convention and the sun was shining as we made our way home, ready to drive to Wilkes-Barre for the wonderful Murgas ARC's hamfest in Plains the next morning!

# Rules of Radio

Dan Hubert, VE9DAN  
(Originally published sometime in 1996 or 1997)

- 1) There shall be no talking by the family during a QSO.
- 2) The XYL shall assist with antenna construction when and only when required.
- 3) The shack budget will take precedence over all other incidental items such as mortgages, food, echoes, etc.
- 4) Christmas stocking stuffers for the OM must include at least two items for the shack (total value of not less than \$300).
- 5) Flea markets, hamfests, and field days over-rule family holidays.
- 6) Furry pets are not allowed near the rig (except for testing purposes).
- 7) TVI never occurs within the home, or if it does, is negligible and does not count.
- 8) All trees around QTH shall be considered antenna supports, and not "greenery", "landscaping", or other such nonsense. Corollary: Any tree may be cut down, pruned, poisoned, dug up, or otherwise removed should it be in the way of wire.
- 9) The last postage stamp and envelope in the home shall be reserved for direct QSL mailings, and not for personal letters, bills, or mail orders (unless orders are for shack).
- 10) Any number of holes may be drilled in the family car to accommodate mobile whips. Corollary: Coax may droop across the steering column occasionally.
- 11) Never herewith shall insurance coverage of shack items be less than triple the replacement value, notwithstanding acts of God.
- 12) Burger King must never allow the holy whopper oven to cool.
- 13) Newly licensed hams must honor, praise, look up to, ask easy questions of, and purchase coffee for, old guys.
- 14) The XYL shall anticipate good band propagation conditions at all times, and whenever rare DX flows in, she shall without fail;
  - a) keep log when requested;
  - b) hold all phone calls - except those from other hams;
  - c) call the OM's work QTH the next morning and cover his absence with a good excuse;
  - d) appear very excited;
  - e) change all her plans to suit;
  - f) provide steaming coffee at 45 minute intervals;
  - g) cancel all household chores, and in particular, cancel vacuuming.
- 15) All materials owned by the work QTH can and will be used for ham projects.
- 16) These rules may be modified at any time, without notice, to continuously be in the OM's best interest.
- 17) The most recent licensee must beareth the brunt of our collective teasing until the next new licensee fills his humiliated shoes.
- 18) All members of all radio clubs must support, in unsurpassed vigor and cooperation, whatever the resident "contest man" suggests-ith.
- 19) Whence OM bears unrelentless fright of tower height, others must climbeth said structure unfailingly upon request.
- 20) Refer longstanding rule #15. Verily, if you cannot convince work QTH to donateth items for thine shack, thou shalt quit said despicable workplace without notice. Simply QRT-eth hastily-eth.
- 21) New rule added by Rich, WB2MBM, August 11/97 via pactor: I'd like to add a rule to the list... "Coax cables may be routed to achieve the lowest loss, regardless of whether they cause doors, windows, etc., to be blocked or otherwise not to function. And if the house appears to be trapped in a sort of rubber "spider's web," that's a plus rather than a minus."

Folks, feel free to add new rules (along with your Callsign and Date). I am sure we can all have fun with this one!

## RADIO REGULATION: TWO FCC CRACKDOWNS

In amateur radio, interference has a price, and in the case of repeat offender Michael Guernsey of Michigan, it's a hefty one. The FCC has hit Guernsey, license KZ80 (formerly ND8V), with a \$22,000 fine for intentionally causing interference with amateur communications and for his failure to identify on the air.

Guernsey, who has a publicly documented history of offenses and violations dating back for more than 10 years, had first been given an FCC warning a year ago that he faced a fine of this magnitude. On July 2014, the agency issued a Notice of Apparent Liability, proposing the fine in light of Guernsey's long and contentious history, which at one point also included a nine-month license suspension. At the time of the notice, Guernsey denied he had created the interference, suggesting that another, nearby radio amateur was the source. The FCC, however, said it had positively ruled that possibility out after monitoring his station.

Last week's Forfeiture Order recapped Guernsey's violations, citing 'the deliberate playing of music on top of the transmissions of other amateur operators' adding that he employed 'various animal noises to prevent the communications of other stations with whom he had a longstanding and well-documented dispute.'

Guernsey has 30 days to pay up or arrange for an installment plan.

Another ham, this time in Georgia, has also landed in a tangle with the FCC on charges he repeatedly failed to identify himself and to acknowledge earlier FCC warnings.

The FCC said that despite having documented charges against David Tolassi, W4BHV, by monitoring and recording his operations, the amateur has denied that he failed to identify himself on the air. The agency said Tolassi had shown 'deliberate disregard' for earlier warnings.

The FCC has proposed fining Tolassi \$1,000.

These latest agency actions were made public a week after the FCC announced it would be closing 11 of its 24 Enforcement Bureau field offices for reasons of efficiency and economy.

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## DATE SET TO END VANITY FEE

The regulatory fee to apply for a vanity call sign becomes history on Sept. 3. The FCC had announced last May it planned to retire the fee to reduce related administrative costs but did not say, at the time, when the fee would disappear.

The agency now says that beginning Sept. 3, amateurs filing a vanity application will no longer have to pay. The FCC said the revenue it would otherwise collect from this and other regulatory fees 'will be proportionally assessed on other wireless fee categories.' The agency has a congressional mandate to collect an estimated \$340 million in fees from all services in fiscal 2015. The vanity call sign's present fee of \$21.40 had been increased by the FCC from \$16.10 in 2014, making it the largest hike in years.

# Turn Pike Abandon Tunnels Special event

On **Saturday August 22, 2015** some members of the Harrisburg Radio Amateurs' Club will be working a special event station at the Rays Hill Tunnel, near Breezwood, PA. If you would like to go along with us, we will be meeting at the parking lot of the Shumaker Public Safety building at Gate 5, on industrial Road, Harrisburg, between **6:30am and 7:00am**. Our plan is to be at Breezwood by 9am, and **on the air by 10am**.

We will be working at least two bands from the location on battery power. If you can't be with us, join us on the air at, or close to 7.261mhz, and 14.261mhz. You will also be able to contact us on 2 meters as we travel, on the 147.120 (100hz tone) repeater.

Why the Rays Hill Tunnel? Well, it is a cool place to visit, and on our visits this year we saw about 50 people in a short period of time. This offers us a great opportunity to introduce people to amateur radio who may have never heard of it. Since this area has no electricity available, it allows us a chance to hone our adverse conditions operating skills.

## How to get there:

Take the turnpike west and exit at Breezwood. You may want to make a quick stop at the Sidling Hill rest stop for a restroom break, and to get anything you may have forgotten to bring along to eat. It is just before Breezwood. After exiting at Breezwood, continue to the traffic light, which is Rt. 30. Turn Right, and follow the road up a short hill, and as you start down the other side, you will see the parking area in front of you at the bottom of the hill.

Park and walk up the bank in front of you. The path is well worn, and you can't miss it. The path takes you to the old turnpike at the top of the bank. Turn left at the top and walk about 1.5 miles to the tunnel. (Some of us will have bicycles) If you bring your bike, you can ride the full section to the second tunnel, 10 miles away, and 10 miles back.

On site, we will have our portable radios on 146.52, for talk-in. You should be able to hit us from the area of the Sidling hill rest stop. We will also be monitoring 147.210.

I hope to see you there, or on the air.

73

Terry  
WB3BKN



# **Berks Amateur Radio Club**

## **2<sup>nd</sup> Annual HAM Fest**

**September 20th, 2015**

**0800-1300**

**Bern Reformed United Church of Christ grove**

**3196 Bernville Road**

**Route 183**

**Leesport, PA 19533**

**The intersection of route 183 and Plum Creek road**

**5 miles north of the Reading Airport.**

**Follow signs**

**GPS Coordinates**

**40 Degrees-24'-17.7660"-North**

**76 Degrees- 1' – 47.5500" West**

**Admission- \$2.00 per person \$5.00 a car load - Sellers - \$5.00**

**VE test will be September 20<sup>th</sup> @ 10:30 am**

**Contact- Eric Cintron KN3M – 610-413-8344 or email**

**[KN3M@msn.com](mailto:KN3M@msn.com) Talk in :145.490 pl 114.8**

**[www.qsl.net/k3ti](http://www.qsl.net/k3ti)**

## 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!

## From the Editor's Desk

Windows 10 my butt. I got the free “upgrade” to Windows 10. Silly me. I trusted Microsoft. I am really glad they do not make cars and airplanes. Drivers?? What Drivers? OH!! You mean we missed that part? Oh well. You need us. Everyone needs Windows! OK. Rant over. I started to work on thin newsletter last week, and the so-called upgrade stopped everything. You may have heard the phrase “When Dell Freezes Over”. The Dells did, and so did the ASUS. All is well now with the Dell units, but the ASUS is still a door stop. More on this later.

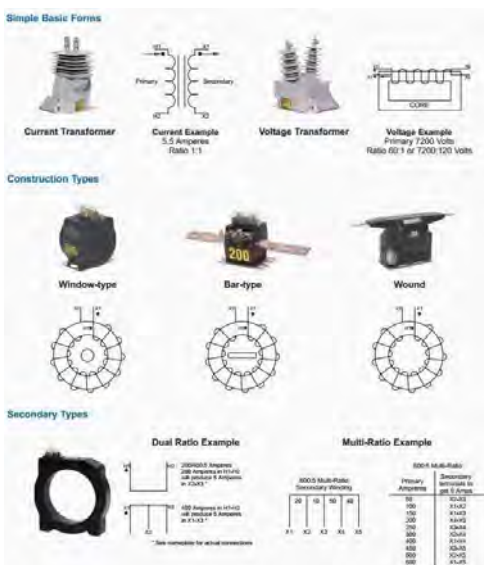
I welcome and encourage submissions to be published. I am just asking for you all to understand and follow a few guidelines. As an editor, my job is to compile stories as submitted to me, and to check for misspelled words, and grammar problems. Your job is to submit a ready to print article. If you have pictures, please add them to your email and they will be placed into the article. If your story is only fragmented sentences, or just copy points, it will be returned to you to correct. This is not because I am a bad guy, but because it takes valuable time to decipher the meaning intended. Please write any articles from the viewpoint of a reader who knows absolutely nothing about the subject. This includes including the meanings of acronyms.

Please do not wait until a day before publication date to submit things. If that is done, it will not be included. Most, if not all regular information is known by the middle of any month, and should be submitted immediately. If you are writing an article about an event, write it while the event is fresh in your mind, and submit it. Don't wait until the end of the month. Send articles to [HRAC.newsletter@Yahoo.com](mailto:HRAC.newsletter@Yahoo.com).

Tnx 73

Editor: Terry WB3BKN

Proofer: Jim WF3J



# HRAC 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 \_\_\_\_\_

ADDRESS \_\_\_\_\_

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

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

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

SIGNATURE \_\_\_\_\_

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

