



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 a very busy month, indeed. We had a great time at Field Day. The trailer worked very well, the weather was beautiful and propagation was pretty good, given the current state of the solar cycle. I wasn't able to spend a lot of time at Field Day due to other family commitments, but the time I did spend was a lot of fun.

There are two things I think we need to work on to smooth trailer operations, though. First, another round of accessory equipment sorting, such as radials for the vertical antenna, storage for coax and electrical cabling and cutting back on some of the triple and quadruple redundancy of some items. Spares are always good to have, but too many spares just wind up becoming clutter that gets in the way. Second, we need to work out a check list for set-up and tear-down of the trailer equipment to ensure that things get used for the right purpose and stored consistently. That way everyone knows where to look for all the bits needed to deploy antennas and set up ground points without having to look through every storage box each time something else is needed. There's my 2¢ worth on the trailer.

Next was the Firecracker Hamfest. On the plus side, the weather was great, the crowd was good and we had lots of help this year. All told, we had over a dozen club members show up Saturday morning to help with all of the tasks that need to be done at this type of event. I won't acknowledge them all here for fear of leaving someone out. They will, however, be acknowledged at the next meeting with a tangible token of our appreciation. For now I just want to thank each and every one of for the outstanding turnout and support that you have given to our club.

After all of that, we can take a short break and catch our breath and enjoy the rest of the summer working a couple of special event stations. Then it will be time to start planning for the Winterfest.

That's all I have to say for now. I have to get this in to Mr. White so he can get the presses rolling. I hope to see you all at the next meeting.

73,

Tim KB3OZA

June 2017 Meeting Minutes

Special Thanks to Emily, KB3VVE for a wonderful presentation on CW.

The June 14, 2017 meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1915 HRS by the President, Tim Lehman (KB3OZA).

The usual member introductions were made. The question of "How many 2 meter rigs do you own?" was presented to the attendees.

Secretary Report – The minutes of the May 2017 Minutes were published in the newsletter. Motion to accept the May minutes Chuck (N3WL), seconded by Jared (N3XDI) Motion Passed

Treasurers Report – Joe (KQ3F) presented the Treasurer's Report. Doug (K3DRE) made a motion to accept the Treasurer's report as read, seconded by Chuck (K3ETD), Motion PASSED.

Equipment Trustee – Terry (WB3BKN) reported that everything was normal and accounted for.

License Trustee – Steven (KA3PDQ) reported that there no changes.

Repeater Committee – Steven (KA3PDQ) reported that the repeater is working well. He also reported that the Wireless Phone service was purchased and was installed. The Net once again has access to Amateur Radio Newsline.

Laurel VE Committee – Steven (KA3PDQ) reported that the next exam session is scheduled for June 17, at HACC.

Membership Committee – The Club has 101 members with 73 being ARRL.

Newsletter Editor – Terry (WB3BKN), reported that he is always in need of articles.

Web Page – The Firecracker Hamfest information has been posted

Emergency Communications – Terry (WB3BKN) is still looking for volunteers to take over this position.

DXCC Committee - No Report

Entertainment – Terry (WB3BKN) reported that he has several ideas but did not elaborate. **Hamfest Committee** – The Hamfest will be held on July 1, 2017 at HACC. All Club members are expected to help in any way possible. Doug (K3DRE) has volunteered to man the overnight watch.

Field Day – Terry reported that the trailer is ready for action. Field Day will take place on June 24,25, 2017 also at HACC. WB3BKN will drop off the trailer around 12 noon on Friday. Set up to start at 10:00 A.M. with the official start time at 2:00 P.M.

Elmer Time – Terry (WB3BKN) has several topics in mind.

Old Business –. Terry (WB3BKN) and Bill (KE3YC) discussed (2) Special Event Stations. One would be at the Famous Horseshoe Curve and the other at Wospy Mountain both in Blair County, PA.

Tentative dates for these events are July 16 and August 20, 2017

New Business –

Good of the Club – Ham Luncheon at the Old Country Buffet will be on June 29, 2017.

Adjournment – The meeting was adjourned at 1957 HRS. Motion made by K3DRE, Seconded by KB3WIH

Respectfully Submitted

Steven Gobat, KA3PDQ

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.

Our June test session is scheduled for Saturday June 17, 2017 at HACC. We will be at the usual place and testing starts at 9:00 A.M. so please arrive by 8:30.. Pre registration is required.

Steven Gobat, KA3PDQ



Please send any articles for the newsletter to hrac.newsletter@Gmail.com

International Morse Code

1. The length of a dot is one unit.
2. A dash is three units.
3. The space between parts of the same letter is one unit.
4. The space between letters is three units.
5. The space between words is seven units.

A	• —	U	• • —
B	— • • •	V	• • • —
C	— • — •	W	• — —
D	— • •	X	— • • —
E	•	Y	— • — —
F	• • — •	Z	— — • •
G	— — •		
H	• • • •		
I	• •		
J	• — — —		
K	— • —	1	• — — — —
L	• — • •	2	• • — — —
M	— —	3	• • • — —
N	— •	4	• • • • —
O	— — —	5	• • • • •
P	• — — •	6	— • • • •
Q	— — • —	7	— — — • •
R	• — •	8	— — — • • •
S	• • •	9	— — — — •
T	—	0	— — — — —

Ham Radio in Emergency Operations

The full article may be found by clicking on this link

<http://www.domesticpreparedness.com/preparedness/ham-radio-in-emergency-operations/>

Many people grew up hearing about disasters in far-off lands and how amateur (ham) radio operators were initially the only means of contact with the outside world. Disasters, both near and far, still occur today, and ham radio operators continue to volunteer their skills and personal radio equipment to serve the public. From a planning and operations perspective, emergency management professionals must effectively include these volunteer resources into comprehensive emergency management plans (CEMPs).



Ham radio was the original electronic “social media” with initial contacts between radio stations taking place in the 1890s. Federal licensing of ham radio stations began after The Radio Act of 1912 was passed, and today all ham radio stations are strictly regulated by the Federal Communications Commission (FCC) under [US 47 CFR §97](#).

The American Radio Relay League ([ARRL](#)), a ham radio member-society founded in 1914, established the Amateur Radio Emergency Service ([ARES](#)) in 1935. This standby radio service consists of “licensed amateur radio operators who have voluntarily registered their qualifications and equipment with their local ARES leadership for communications duty in the public service when disaster strikes.”

Special Event Stations for This Summer

Each summer the special event committee (Bill KE3YC, and Terry WB3BKN) come up with interesting places to show off amateur radio to the public, and have some fun on the air. This year we will be using the club communications trailer and setup will be a breeze. Listen for us on 40 and 20 meters. All are welcome to join us on the trip. Operators will have fun meeting people and promoting amateur radio and good will. We usually leave early to be on site by 9am.

Two locations were selected for this summer. The first one will be at the Horse Shoe Curve park in Blair County PA, 2400 Veterans Memorial Highway, Altoona, PA 16601. The date is Sunday July 16, 2017. We hope to be on the air by noon, around 7.265 and 14.265

The second Special Event is Sunday August 20, 2017. The location is Wopsy Mountain Lookout, Dysart PA 16636, also in Blair county. This is the location of The Legend Of The White Lady (a ghost). Look it up on Google.

Contact Terry or Bill for more information.

Roger, Who the heck is Roger?

Shannon Corbeil and Terry Snyder (WB3BKN)

Between colloquial humor and slang, the military says some weird things (and don't even get me started on acronyms), but some of the lings has origins in so-called "voice procedure" and actually at one time actually made sense.

Voice procedure is a set of techniques, protocols and phrases used in two-way radio communications in the past to reduce confusion, and maximize clarity. Today we have been directed in emergency service to avoid these antiquated words, and acronyms. Here are a few of the big ones;

Brief Evolution of English Phonetic Alphabets				
Royal Navy	Royal Air Force		United States	NATO
1914-1918	1924-1942	1943-1956	1941-1956	1956-Present
Apples	Ace	Able/Affirm	Able	Alpha
Butter	Beer	Baker	Baker	Bravo
Charlie	Charlie	Charlie	Charlie	Charlie
Duff	Don	Dog	Dog	Delta
Edward	Edward	Easy	Easy	Echo
Freddy	Freddie	Fox	Fox	Foxtrot
George	George	George	George	Golf
Harry	Harry	How	How	Hotel
Ink	Ink	Item/Interrogatory	Item	India
Johnnie	Johnnie	Jig/Johnny	Jig	Juliett
King	King	King	King	Kilo
London	London	Love	Love	Lima
Monkey	Monkey	Mike	Mike	Mike
Nuts	Nuts	Nab/Negat	Nan	November
Orange	Orange	Oboe	Oboe	Oscar
Pudding	Pip	Peter/Prep	Peter	Papa
Queenie	Queen	Queen	Queen	Quebec
Robert	Robert	Roger	Roger	Romeo
Sugar	Sugar	Sugar	Sugar	Sierra
Tommy	Toc	Tare	Tare	Tango
Uncle	Uncle	Uncle	Uncle	Uniform
Vinegar	Vic	Victor	Victor	Victor
Willie	William	William	William	Whiskey
Xerxes	X-ray	X-ray	X-ray	X-ray
Yellow	Yorker	Yoke	Yoke	Yankee
Zebra	Zebra	Zebra	Zebra	Zulu

Roger was meant to be radio shorthand for "I understand your transmission", much as CBers say 10-4, for no particular reason. From whence did it come? Look at the old phonetic alphabet to understand. The phonetic alphabet has undergone some changes over the years. In the 50's the NATO version was adopted and that is what we use today. In the older version "R" was Roger. R also in Morse was used to mean received. When voice radio was used, the word Roger became used, and has stuck. (Again, in amateur service this is now frowned upon in emergency communications, and normal use in favor of plain language)

Mayday is a single word to convey distress. It was deliberately chosen way back in 1923 by Frederick Stanley Mockford, a senior radio official in England. At that time much of the radio communication was between French and English speakers, so Mockford needed a word that would be understood in both languages and would not be commonly spoken. Mayday is unique in English, and sounds a lot like the French phrase for HELP ME! It is to be reserved for times when life and / or craft are in imminent peril. It is to be spoken three times in succession followed by your information. To use it just for the fun of saying it is a serious crime.

Copy, or copy that, has it's origins in Morse code. When receiving Morse you are said to be copying the message. When voice communications came about, copy, was a quicker way of saying "ok, I got it", or Roger, whoever that is.

10-4, and other 10 codes were developed as a short cut for voice communications, mostly because early portable and mobile radios had dynamo power supplies that took a while to come up to speed when the microphone's push to talk button was depressed. Beginning parts of the transmission were cut off (much as modern day repeaters have a delay key up) and often vital information was lost. The operator being forced to say **10-** before the code number allowed delay to be overlooked. (10 codes are another thing along with Roger and copy that will definitely earn you the badge of LID.) Avoid 10 codes. Again, plain language only. Copy?

Alice. Maybe next time we will explore **who the heck is Alice.** Try googling that one until next month.

Thank you to all who helped to work at the hamfest to make it a success.

This year everything went better and smoother because of the help from those of you who stepped up to help with everything.



For Sale (PRICE REDUCED!!)

1986 F350 460CI

ALL RADIOS INCLUDED

Attached is a picture of the inside of the truck.

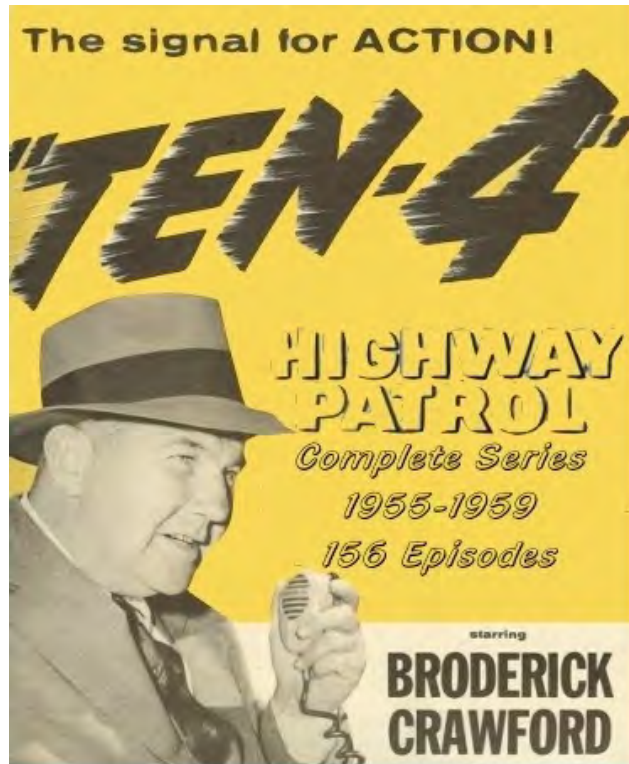
It is an old picture and lot of equipment has been added.

It has mono band radios for 6,2,220,440 and 1.2 ghz

It has 3 dual band radios, low band for Dauphin County, SGC HF radio and

auto tuner. It has a 440 ATV transceiver and a satellite receiver for 1.2 ghz FM ATV. It has a VHS VCR, a GPS receiver, a small color monitor for use with ATV and the VCR. In the rack there is a GMRS repeater and a two meter repeater. The repeaters are just bolted in the rack and would need re-crystalled and tuned and duplexers if one wanted to try and use them. The truck itself is a 1986 Ford F350 ambulance, with a 460ci engine 4 barrel carb, automatic transmission. The Air conditioning has been removed. The truck gets about 6 miles to the gallon going downhill. It has not been inspected for 2 or 3 years. It is sold as is and includes all the radio equipment.

I hope this answers your questions. The reason we are selling it is the public service events that we once did have all but gone away with everyone having a cell phone in their pocket. We used to provide communication support for 20 events a year. **\$2,000.00** Contact Steven Gobat Ka3pdq@arrl.net
717.439.0090 7am to 9pm REACT Communications Truck



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

Without your contributions to this newsletter, there is nothing to report, and the paper suffers. Keep those cards and letters coming in. Take pictures of things that you do and share them with us.

Please note the new email address for articles:

Hrac.newsletter@gmail.com

Tnx 73

Editor: Terry WB3BKN (AKA Perry White)

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.

