



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

Terry Snyder
WB3BKN
(717) 979-9515
WB3BKN1@gmail.com

VICE PRESIDENT

Tim Lehman
KB3OZA
(717) 982-8550
Kb3oza@arrl.net

SECRETARY

Steve Gobat
KA3PDQ
ka3pdq@juno.com

TREASURER

Nicholas J Rylatt
AA3T
Aa3t@arrl.net

TRUSTEE

Steve Gobat
KA3PDQ
ka3pdq@juno.com

NEWSLETTER EDITOR

Help Wanted
HRAC.Newsletter@gmail.com

Webmaster

Gary Cappello KV3Q
Webmaster@w3uu.org

Harrisburg Radio Amateur's Club Newsletter

From The Desk of The President.....

I am sure that everyone is enjoying this Florida weather as much as I am. The fine weather came along in time for our Field Day, and our Firecracker Hamfest. Next year we plan to hold Field Day in an area that is better accessible to, and by the general public. We have enjoyed the time at the HACC campus, but many of us feel that it is a hidden area, and the idea is to show off our toys a bit more.

Regarding the Firecracker Hamfest, I would like to thank the few who realized that this important event deserves our complete attention and dedication, to bring income to the club, and to provide a gathering that is one of the largest in central PA. To those who just think that this large event just happens on its own, you are so wrong. The burden that you each throw onto those of us who organize this event is shameful. As the French guard at the castle in that famous Monty Python film said. I (thumb my nose) in your general direction. (he actually said something different)

Looking forward, the club will be working on several Special Event outings in the next few months. You all still have time to get involved in these events, as we direct our energies toward fun events, rather than training for doomsday. When one works special events, and contests, experience is gained in operating and quick deployment. These, along with the great advantage of public exposure will lead you all to become better operators for emergency times, and to develop a better understanding of amateur radio by the general public.

Our first special event and outing will be July 21st, and the second scheduled at this time is August 11th. Both are on board the Millersburg Ferry. I will be meeting with the folks at the ferry the week of the event to outfit the boat with an antenna and operating station. Anyone is welcome to come along and help install the needed things, just call me. The reason that this is being pre assembled so as to cause no interruption of the commerce of the historical landmark.

We still need a willing person to head up the newsletter. Where are all of you who were full of ideas for the way the publication should be done? Now is your chance to show us what you can do.

73, I hope to see you all at the meeting, or the upcoming events.

Terry WB3BK

June 13, 2018 Meeting Minutes

The June 13, 2018 meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1901 HRS by the President, Terry Snyder (WB3BKN).

The usual member introductions were made.

Secretary Report – Minutes of the May 9, 2018 minutes were published in the newsletter. Motion to accept the minutes as published was made by Doug (K3DRE), Seconded by Rick (K2RBT)
Motion carried.

Treasurers Report – Nick Rylatt (AA3T) presented the Treasurer's Report for June 2018.

Doug (K3DRE) made a motion to accept the Treasurer's report as read, seconded by Joe (W3JPH), Motion PASSED.

Equipment Trustee – Terry (WB3BKN) reported All Club equipment was accounted for.

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

Repeater Committee – Steven (KA3PDQ) reported that it was working fine.

Laurel VE Committee – Steven (KA3PDQ) reported that the next exam session is scheduled for June 16, 2018 at HACC.

Membership Committee – The Club has 90 members. 62 which are ARRL members or 68.9%

Newsletter Editor – The club is in search of a new editor. Any one interested should contact the President.

Web Page – No Report.

Emergency Communications – Chairperson Richard (KB3YRC) Nothing to report.

DXCC Committee - Chairperson Glen (K3SWZ) Nothing to report.

Entertainment – Terry (WB 3BKN) has several ideas in mind and is always looking for more topics.

Hamfest Committee – Firecracker Hamfest – the facilities have been reserved. Terry announced the plans to rent a tent for the commercial vendors. This would allow the vendors and tailgaters to be in the same area. Terry (WB3BKN) encouraged the membership to volunteer their time for this event as this is what keeps the club solvent. The date of the Hamfest is June 30, 2018. Tim (KB3OZA) reported that the Boy Scouts were not available to help with car parking or the Food concession. Tim was contacting the Young Marines to see if they were available for parking. The President asked the group to see if anyone had contacts with a food vendor.
Winter Hamfest – The room at the Vietnam Veterans Association has been reserved.
The Winter hamfest to be held January 19, 2019

Hamfeast – No Action

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Field Day – Tim (KB3OZA) reported that the facilities at HACC have been reserved. The dates for Field Day are

June 23-24, 2018. Set up at 10:00AM

Elmer Time – Terry (WB3BKN) has several topics in mind. Terry also said he welcomes suggestions for topics.

Old Business – Terry (WB3BKN) reported on a Special Event Station to be held at Millersburg Ferry.

Operations are being planned for 20 or 40 meters. July 21 starting at 10 AM. Operating

Frequencies to be 7.260 and 14.260 mhz with site talkin on 147.240mhz tone 123hz

Next event August 11, 2018 from the same location. Both events will be maritime mobile.

New Business – No items at this time.

Good of the Club – No items at this time.

Adjournment – With no further business Doug (K3DRE) made a motion to adjourn Rick (K2RBT) seconded at 2000 hours

Guest Speaker –

Respectfully Submitted

Steven Gobat, KA3PDQ

Volunteer Examiner Report

The June 16, 2018 Session was held at HACC. We had 9 applicants and administered 9 elements. We had 3 Extra and 3 Technicians that passed. VE's in attendance included KA3PDQ, N3FWE, K3URT, K3DRE, KB3OZA and KB3PQT.

Next session back at HACC on 18 August, 2018 in the Shumaker Public Safety building, Gate 5 on Industrial Road, Harrisburg. For directions, please visit our club web site at <http://www.w3uu.org/license-exams/>

This Session will be using the new 2018 Element 2 question pool.

Steven, KA3PDQ



Elmer Time (6:30 pm meeting night)

Upcoming Programs for 2018 (After the business part of the meeting)

July:

August:

September: "Working the PA S QSO Party" Glenn Kurzenknabe, K3SWZ

October:

November:

December: "Cookie Exchange Night" Club Meeting 12-12-18

Please consider stepping up to make a presentation during one of the meetings that has an availability to do so. I know that everyone has an expertise in something, and can bring something to the table. Do more than consider, DO it.

Terry and Harrisburg Radio Amateurs Club members,

Thanks you kindly for your sponsorship of the portable multioperator plaque for the 2017 paqso party. Winning a contest plaque is always a real treat!

The N3TWM team set out to break the centre county multi op record. Myself, along with nk8q, k3ng, n2gbr, and kc3ehq accomplished this by operating portable qrp multi multi. We won three plaques, the qrp, multi multi, and portible multi plaques as part of the effort. Other than a small 3 element tribander on a short trailer mounted tower, all antennas were wire and hoisted using arrows, slingshots, and other simple methods. This included a full size dipole for 160 meters.

3 of the 4 radios were elecraft kx3, the fourth was a k3. Power was provided by a 2000w Honda generator and batteries for the radios themselves.

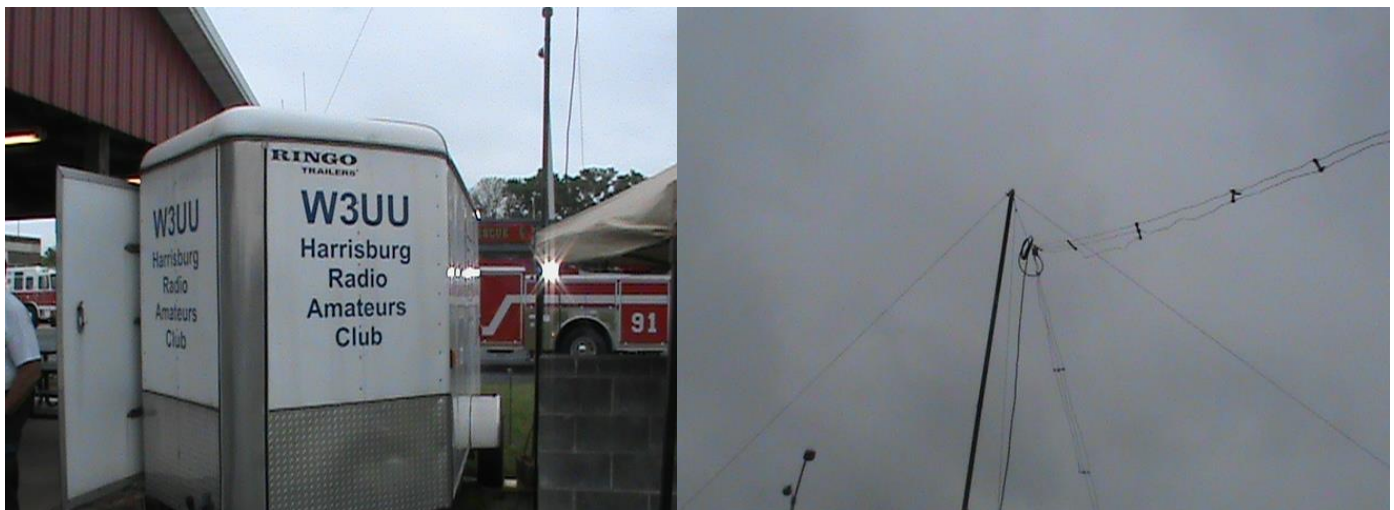
Thank you so much for you plaque sponsorship. We had a lot of fun and look forward to this coming years party.

With thanks,
Evan Duffey - KN3O (ex N3TWM)

Cutting Dacron/Polyester rope

I just raised my 80 Meter vertical project for the first time with the help of Dave, W3SOX. I decided to put a set of (3) guy ropes on it, just to be safe. I selected the standard Dacron/Polyester rope sold by DX Engineering, The RF Connection and others. The biggest problem I have found is, how do you cut it, without making a mess of the cut ends? They seem to fray instantly upon cutting, making it difficult to seal them with a flame. Dave is a member of the National Ski Patrol and is trained in mountain rescue, etc. He knows all things knots and rope, suggested that he cuts it with a standard Propane torch, normally used for plumbing, that we all have in our shops. It works super well and seals both ends in the process. CAUTION: Do not let the drippings from the cut, drip on your hand! Speaking from first-hand experience, they are HOT and do not mix well with skin!

Glenn Kurzenknabe, K3SWZ



It was a Cloudy Dark Day!

Field Day 2018 June 23, 2018

Refresher:

- 1. Which of the following entities recommends transmit/receive channels and other parameters for auxiliary and repeater stations?**
 - A. International Telecommunications Union
 - B. Frequency Spectrum Manager
 - C. FCC Regional Field Office
 - D. Frequency Coordinator

- 2. Why should you not set your transmit frequency to be exactly at the edge of an amateur band or sub-band?**
 - A. To allow for calibration error in the transmitter frequency display.
 - B. So that modulation sidebands do not extend beyond the band edge.
 - C. To allow for transmitter frequency drift.
 - D. All these choices are correct.

- 3. Under what type of control do APRS network digipeaters operate?**
 - A. Remote
 - B. Automatic
 - C. Local
 - D. Manual

- 4. Which of the following is the most common cause for coax failures?**
 - A. Overloading (Too many pills in the circuit)
 - B. Gamma Rays
 - C. The velocity factor exceeds 1.0
 - D. Moisture Contamination

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@Gmail.com

Local area nets:

Capitol Area Traffic Net starts **Monday at 8 PM** on the South Mountain Radio Amateurs (SMRA) repeater on 146.46 (67.0 tone), 1 MHz offset.

The Combined Club ARES/RACES Net meets **Monday at 8:30 PM** on the Keystone 146.97 Repeater (Tone: 123 Hz).

South Mountain Radio Amateurs (SMRA) Net on **Monday at 9 PM** on the 145.43 (Tone: 67 Hz) repeater located in Mt. Holly Springs.

The Keystone VHF Club Digital Net on **Tuesday at 8 PM** on the York 146.97 Repeater.

The Keystone VJF Club ELMER Net on **Tuesday at 9 PM** on the York 146.97 Repeater right after the Digital net

A local FM Simplex Net runs **Thursday at 8:30 PM** on 146.55 MHz.

South Central PA 10 Meter Net **Friday at 8 PM** 28.495 MHz USB

Ham Shack Talk Net - Monday at 9 PM: 28.335 MHz. Delaware

Lehigh Valley ARC Net - Sunday 4:00 PM: 28.430 MHz Do Drop In net - Sunday 8:30 PM: 28.450 MHz Penn- Mar Club net - Friday. 8:30 PM: 28.495 MHz.

10 Meter Ragchew Net - Every evening starting 7:30PM: 28.600 Mhz

6 Meter Magicians Net from Pottstown Wednesdays at 8:30 PM on 50.130 USB. At 9 PM, they switch to 50.400 and run A.M. modulation and call themselves the Mini Boat Anchor Net. The KVHFC 6 Meter Activity Net run by Steve Cruse, K3WHC meets on 50.140 MHz USB on Wednesday evenings starting at 8:30 PM.

Harrisburg Radio Amateurs Club Information net at 8pm on 146.76 (100 hz tone) every Wednesday except club meeting night, which is listed at the top of the first page of this newsletter.

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. Do not send articles to my personal email address. Send them to the address below.

Please note the new email address for articles:

Hrac.newsletter@gmail.com

Tnx 73

Editor: None **POSITION AVAILABLE**

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.

Join the Gang

