



Harrisburg Radio Amateur's 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

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

VICE PRESIDENT

Tim Lehman
W4NKC
(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

Jeannie Gardner
HRAC.Newsletter@gmail.com

Webmaster

Gary Cappello
KV3Q
Webmaster@w3uu.org

From The Desk of The President.....

I know that you have all been waiting for this edition of the newsletter for a bit longer than usual. I have to take the blame for this one.

Please try to join us on the Appalachian Trail Saturday July 27th beginning at 10am in the parking lot at the top of Peters Mountain on Rt 225. Follow the Park Entrance sign. We are in the upper parking lot, and not at the small white house. We will be on the air SSB on 7.265 + or -, and 14.265 + or - QRM. The real fun is being on location with us. You will learn a lot about antennas and operating just by hanging out with us. The people that you will meet are fun people who walk over the trail all summer long.

Stay cool and have fun while summer lasts.

73, Terry Wb3BKN

June 12, 2019 Meeting Minutes

The June 12, 2019 meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1855 HRS by the President, Terry Snyder (WB3BKN). The usual member introductions were made.

Secretary's Report – The minutes of the May 8, 2019 meeting were published in the newsletter. Motion to accept the minutes as published, Karl (W3KBG) seconded the motion. Motion passed.

Treasurer's Report – Nick (AA3T) read the report. Chuck (N3WL) made a motion to accept the report as read, Neil (N3JQM) seconded the motion. Motion passed.

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

Equipment Trustee – All equipment accounted for and insured.

Repeater Committee – Terry (WB3BKN) reported that the current antenna was to be replaced. The two bay antenna has arrived and will be delivered to the site to be installed at the convenience of the site owner.

Laurel VE Committee – Steven (KA3PDQ) reported that the next exam session is scheduled for June 15, 2019 at HACC. There were (7) applicants signed up at this date.

Membership Committee – Tim (W4NKC) reported we have 77 members.

Newsletter Editor – Terry (WB3BKN), reported that the newsletter editor needs complete articles, which are proofread and corrections made. Articles should be in plain English with NO abbreviations. Please send articles to HRAC.Newsletter@gmail.com.

Web Page – No Report.

Emergency Communications – Richard Lenker (KB3YRC) announced the need for operators on July 27-28, 2019 for the Muckletatz Horse Ride. See Richard to volunteer.

DXCC Committee – No Report

Entertainment – Terry (WB3BKN) is always in need of topics and presenters.

Hamfest Committee – Firecracker Hamfest – the facilities have been reserved for July 6, 2019. Terry (WB3BKN) encouraged the membership to volunteer their time for this event as the Hamfest is what keeps the Club solvent. There are many jobs that need to be done before and after the Hamfest and everyone's help is needed. Terry advised that he will need volunteers on site as early as 5.00 AM. The Boy Scouts have taken over the food concession.

Hamfeast – No Action.

Field Day – The dates for Field Day is June 22-23, 2019. All arrangements have been made to hold the event at Veterans Memorial Park in Susquehanna Township. Discussion followed on what antennas would be suitable for the site.

Elmer Time – None

Old Business – None

New Business – None

Good of the Club – Terry (WB3BKN) stated that the event at the Pine Grove Furnace State Park on June 8th, 2019 went very well with over 150 contacts made.

Adjournment – With no further business Chuck (N3WL) made a motion to adjourn; Karl ((W3KBG) seconded at 1948 hours.

Respectfully Submitted

Steven Gobat, KA3PDQ

Volunteer Examiner Report

Next session at HACC on 8/17/19. For directions, please visit our club web site at <http://www.w3uu.org/license-exams/>.

Elmer Time (6:30 pm meeting night).



Upcoming Events for 2019

July 27: Special event station on the Appalachian Trail on Peters Mountain.

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 the club's 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** on 28.495 MHz USB

Ham Shack Talk Net - **Monday at 9 PM** on 28.335 MHz Delaware

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

10 Meter Ragchew Net - **Every evening starting 7:30PM** on 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 at 8:30 PM**.

Harrisburg Area Skywarn Group Net is every Wednesday night **at 9 PM** on the **145.11**.

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, Costco and Home Depot.

It's a great way to meet new people!

FROM THE EDITOR'S DESK

HIGHLIGHTS FROM FIRECRACKER FEST 2019





If you're in need of some more 'ham'y photos or videos, you can check out the club's Facebook page. You may even spot Terry (WB3BKN) in a couple ... wink, wink.

Notes from Field Day (June 22-23 2019)

A "class"-y submission from Chuck (N3WL):

While operating during Field Day this year I was asked several times, "What are classes"? I couldn't remember all the definitions, so here are the classes as written in the ARRL Field Day rules:

Class A: A group of three or more persons set up for Field Day. All radios and antennas must be within a 1000 foot circle and must use some type of non-commercial power. I worked one station with a 14A class.

Class A -Battery: The same three or more persons who use less than 5 watts RF output power and the electrical power source must not be commercial or motor driven.

Class B: One or two person single station who meets the requirements for Class A.

Class B-Battery: One or two person station who meets the requirements for Class A-Battery.

Class C: A mobile operating station.

Class D: A home station operated from commercial power.

Class E: A home station operated from emergency power.

Class F: A station operated from an established Emergency Operation Center (EOC)

In Other News ...

The following was submitted by Ralph Brandt (K3HQI) re: ARES Connect Signup for ARES/RACES

We need all Emergency Communicators (ARES/RACES) to sign up for ARES Connect BEFORE 8/1. This is a new way of reporting activity. Activity in our counties gets rolled up to the Section, and to the ARRL. This is used as justification for us existing as hams. We need ALL EMCOMMS to sign up. The process is relatively simple, it is a web page, you go to it and you fill out some information. This includes your call sign, YOUR USER ID IS YOUR CALL SIGN. You set a password and you tell about yourself. If you like you can put on a picture. Please if you have any problems with this, either how to do it or concerns about it, get with Rich Lenker or Me (Ralph). If you email at k3hqi@arrl.net, I can mail you a user guide. Rich will have them in a few days.

World Wide Radio Operators Foundation Announces Global Digital DX Contest

Reprinted from ARRL Bulletin Board 07/01/2019

The World Wide Radio Operators Foundation (**WWROF**), in collaboration with the Slovenia Contest Club (**SCC**), has announced the World Wide Digi DX Contest (**WW Digi**), which it hopes will become an annual event. The inaugural running of the 24-hour contest will take place on August 31 – September 1. The new contest aims to tap into the enthusiasm being generated by the new digital modes pioneered by Joe Taylor, K1JT, and the *WSJT-X* Development Group. Participants will use FT4 and FT8 on 160, 80, 40, 20, 15, and 10 meters. The WW Digi will utilize a distance-based scoring system, with participants earning points based on the distance between grid square centers of the two stations in a given contact.

“This will encourage operators to seek out long-distance, weak-signal contacts that highlight the technical advantages of the new digital modes,” WWROF’s announcement said.

To encourage activity across all bands, each new two-character grid field contacted on each band will be a multiplier. The final score will be the product of total contact points and grid square contacts. Single-operator and multi-operator entries are invited to take part.

“The contest has been designed to enable making contacts utilizing standard *WSJT-X* software behavior, making it easy for non-contesters to participate,” the announcement said. “At the same time, the contest supports some new techniques that will encourage operating innovation, such as permitting stations to work up to three ‘QSO streams’ on a band at one time. Robotic operation is specifically prohibited in order to keep the human element as part of the game.” Similar worldwide DX contests are planned for August through November.

Plaques will be awarded to top scorers. ([Contact](#) WW Digi Contest Director Ed Muns, W0YK, to sponsor an award.) Downloadable electronic certificates will be available for anyone who submits a log. WWROF plans to have results available within 90 days of the contest’s conclusion.

WWROF is dedicated to improving the skills and fun of Amateur Radio operators around the world by utilizing education, competition, advancement of technology, and scientific research, promoting international friendship and goodwill. It is a nonprofit, donor-supported organization.

Submitted by Glenn, K3SWZ

ARRL Announces “Happy 150!” Hiram Percy Maxim Birthday Celebration

Extracted directly from ARRL Website 07/02/2019

This year marks the 150th anniversary of the birth of ARRL’s first president and cofounder Hiram Percy Maxim (HPM), W1AW, born on September 2, 1869. ARRL will hold an operating event this summer to celebrate HPM’s legacy from 0000 UTC on August 31 and continue until 2359 UTC on September 8. It is open to all radio amateurs.

The event goal is straightforward: Contact as many participating stations as possible. W1AW and *all* ARRL members will append “/150” to their call signs during this event (DX operators who are ARRL members may operate as <call sign>/150, if permitted by their country of license.) Participating stations will exchange a signal report and their [ARRL/RAC Section](#). DX stations will send a signal report and “DX.” Those taking part may use all Amateur Radio bands, excluding 60, 30, 17, and 12 meters.

The event will recognize three mode groups: CW, phone (any voice modes), and digital. Submit Cabrillo log files. ARRL will calculate all final scores based on participant uploads to the ARRL event web app (link not yet active).

There are 84 multipliers, which only count once. These include the 83 ARRL/RAC Sections (RAC sections include the Canadian Northern Territories, encompassing VE8, VY1, and VY0), and DX. The W1AW operating schedule during this period may be adjusted as necessary to accommodate on-air celebration operating activities. Contacts with W1AW/150 will earn 3 points apiece. Contacts with any ARRL member will earn 2 points each. These stations will also identify as <call sign>/150. Contacts with nonmembers will earn 1 point each.

Participants can earn 150 bonus points by:

- Contacting W1AW/150 on each band and mode.
- Uploading entries (ARRL members only).
- Using social media to publicize this event and/or participation before, during, and/or after the event.
- Operating with 5 W PEP output or less throughout the event.
- Making at least 20 contacts while operating portable.
- Completing at least 150 contacts.

Online certificates will be awarded, and available [via download](#) only. Updates and results will be [publicized](#).

This event has no power or operator categories. Participating ARRL members who use Logbook of The World (LoTW) are encouraged to [create a separate LoTW certificate](#) for uploading <call sign>/150 contacts. Members should upload their logs for this event using their /150 certificate. This event requires online web app submissions. No email or paper submissions will be accepted.

Submitted by Glenn, K3SWZ

FHRAC MEMBERSHIP APPLICATION

MAIL TO:
Tim Lehman (W4NKC)
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

