



January 2017

The HARC Spark

The Official Newsletter of the
Holmesburg Amateur Radio Club
WM3PEN 146.685 Mhz Repeater
K3RJC 444.9 Mhz Repeater
K3FI - CLUB CALLS - WM3PEN
Web Site <http://www.harcnet.org>



General Class Tune-up

HARC Meeting – January 19

R, L, and C

Are you studying for your General test? Did you get your General years ago and need to brush up on some theory? Mark, KC3JV, will talk about circuit diagrams and components plus parallel and series R, L, and C.

This is the first of a series to review some areas of the General Class Exam to help those who want to upgrade.

To get the most benefit out of the discussion bring a calculator with you to HARC's January 19th meeting.

HARC VP WA3GM Elected to Ten Ten International Board

Greg Malone, WA3GM, has been elected to the Ten Ten International Board of Directors.

Director: Gregory Malone, WA3GM, #46927



The Ten-Ten International Net, Inc. was formed back in 1962 as the Ten-Ten Net of Southern California. Its purpose was to promote activity and good operating practice on the ten meter amateur band. During the first few years the

there were 10,000 members, and the word "International" had crept into the name. There have now been over 75,000 10-10 numbers issued worldwide.

10-10 is like any other ham radio organization, a group of hams who are interested in promoting 10 meters. In order to keep interest up on the 10 meter band, the idea of collecting "10-10 numbers" as an incentive in keeping the 10 meter band occupied was developed. The ultimate benefit is to keep the 10 meter band for Amateur Radio. Personally, each member enjoys the camaraderie of kindred spirits, whether the activity is informal rag chewing or numbers chasing or a more formal 10-10 QSO party. Any licensed amateur authorized to operate on the 10 meter band can join 10-10. It is required that you contact 10 10-10 members on 10 meters. In addition to sponsoring awards and contests, 10-10 also has a scholarship program.

WM3PEN's 10-10 # is 71057. For more information on 10 -10 visit <http://www.ten-ten.org>.

HARC Dues Due

HARC's 2017 dues are due May 1. Dues are \$20 per year. That's less than 40 cents a week to support the most active club in Philadelphia. Membership form on page 6. Think of joining ARRL? If this is your first time joining ARRL we have a bonus. Be one of the first 3 to join and you will receive a repeater directory and \$15 of your ARRL dues will help support HARC.

HARC Board of Directors

President/Treasurer - Bob Josuweit, WA3PZO

Vice President - Greg Malone, WA3GM

Secretary - Saul Brody, W3WHK

Technical - Ron Cardullo, K3RJC

Member-at-Large - Sol Volen, N3UBY

Mike Wurgley, N3LXN

Webmaster - Rich Shivers, AB3EO

Newsletter Editor - Bob Josuweit, WA3PZO

WM3PEN @ AOL.COM

H.A.R.C. Monthly Meetings - The Board of Directors meets on the 1st Thursday @ 7:30 PM (Odd number months). General meetings are held the 3rd. Thursday @8:00 PM. Pathway Bldg, Philadelphia Protestant Home, 6401 Martins Mill Road at Tabor Rd . Phila PA. Picnic in August. Holiday Dinner in December.



H.A.R.C maintains the 146.685 repeater located @ Univ. of PA., Phila PA with inputs in Abington, N.E. Phila, and Cherry Hill, NJ; More Club Information & Member Applications can be had by contacting any of the Directors via E-mail. WM3PEN@arrl.org, the web page <http://www.harcnet.org> or writing to HARC 3341 Sheffield Ave, Philadelphia, PA 19136.

Keep up on the latest HARC news by checking out the Club website

www.HARCNET.org

Upcoming Events

HARC Meeting – January 19

HARC Meeting – February 16

HARC Meeting – March 16

PHILA ARES INFORMATION

All amateurs interested in participating should check into the Phila ARES Net, Sunday's at 9:00 PM, hosted on the Phil-Mont Repeater System; 147.030 MHz (+offset 91.5 PL) ;444.80 MHz (+offset 186.2 PL) When control operators are available, Echolink node 29742, WU3I-L, is on the repeater. Backup link is KB3IV-L.

All interested amateurs are welcomed and encouraged to check in for more information. There is always a different topic of interest to the amateur community discussed with an informal round table of comments and suggestions.

Look forward to having all check in on Sunday nights @ 9:00 pm. See web site for more information.

- Visit the Philadelphia ARES web site

<http://www.harcnet.org/aresindex.html>



VE SESSIONS

PhilMont Mobile Radio Club has testing in Ambler, PA on the 4th Thursday of every month. Exams , 1414 E. Butler Pike in Ambler, PA.

Registration begins at 7pm.

Warminster Amateur Radio Club has testing the last Wednesday evening of each month except August and December. The sessions are at the Warminster Recreational and Educational Center on Little Lane, and start promptly at 7:00 PM (registration 6:45 PM).

Bryn Mawr - quarterly on a Saturday. Contact Bob Lees, W3ZQN, rjlees@aol.com

HF AWARDS MANAGER

Are you getting close to having all 50 states confirmed for the Worked All States award or working enough grid squares for to qualify for the VUCC Award? As a HARC service you can now have your QSL cards verified by Bob, WA3PZO, and not have to ship the cards to ARRL Headquarters. You must be an ARRL member to qualify for the awards. Additional information and links can be found on the HARC website (www.harcnet.org)

Stamps, Stamps, and More Stamps for SFTW

Last year turned out to be a banner year for HARC's participation in the Stamps for the Wounded Program. Over 31 pounds of stamps were collected and shipped to the SFTW program. So far 2017 is off to a flying start with 5 people sending stamps to the Club for SFTW. The collected stamps are distributed to various centers around the country to help with physical and occupational therapy programs for our wounded vets.



13 Colonies Special Event July 1 – 6, 2017

With the theme of this year's 13 Colonies Special Event being Liberty or Death, WM3PEN's QSL card will feature the Liberty Bell. The inscription on the bell is "Proclaim Liberty Throughout All the Land Unto All the Inhabitants thereof" Interested in participating contact WA3PZO.

Pennsylvania Charter Day

March 12, 2017

On March 12, HARC will celebrate Pennsylvania's 335th birthday by participating in Charter Day events. Charter Day is the day King Charles of England granted William Penn a charter for land in the New World to make up for a large debt that the king owed to Penn's father. William Penn had initially decided to name the land "Sylvania," which in Latin means woods. King Charles II added the prefix Penn to the name in honor of William Penn's father, Admiral Sir William Penn, who had served England as a rear admiral. Pennsylvania state museums are open for free on Charter Day and it's the one day each year that the Charter is put on display at the state museum in Harrisburg. WM3PEN (William 3 Penn) will be on the air from 1300Z - 2300Z as band conditions permit. A special QSL card will be offered featuring William Penn. Interested in being part of the special event contact WA3PZO. When you work WM3PEN send an SASE or Green Stamp (\$1) with your QSL to WM3PEN. You can also QSL via the bureau. SWLs may send a confirmation of reception to request a QSL card. Simply indicate the stations making contact with WM3PEN, time, frequency, and your receiving equipment.

Special April 20 HARC Meeting Radio Astronomy

We're honored to have Rob Welsh, N3RW, an associate astronomer at the National Radio Astronomy Observatory in Green Bank, WV. Rob will briefly discuss extra-terrestrial radio 'signals', then discuss the equipment used & finally, discuss some current work being done. Additionally, he will mention his opportunity to use QRP in the National Radio Quiet Zone & the concept of that zone and much more.

THE US. ORIGINAL 13 COLONIES SPECIAL EVENT GROUP PRESENTS THE 9TH ANNUAL
 ☆ 4th Of July Week - The Original 13 Colonies Special Event ☆
 INDEPENDENCE WEEK 2017 JULY 1ST - JULY 6TH MAY GOD BLESS AMERICA

LIBERTY OR DEATH

SAMPLE

DONT TREAD ON ME

IN RECOGNITION FOR PARTICIPATING IN THIS 4TH OF JULY WEEK - 13 COLONIES SPECIAL EVENT, THIS CERTIFICATE IS AWARDED TO ARS: - KU2US

73'

13

ALL 13 COLONY STATES CLEAN SWEEP WM3PEN

GB13COL

KEN VILLONE KU2US-EVENT MGR. Ken Villone

K2A NY K2B VA K2C RI K2D CT K2E DE K2F MD K2G GA K2H MA K2I NJ K2J NC K2K NH K2L SC K2M PA

Pennsylvania "67" Challenge Award

Amateur Radio operators around the world have the opportunity to participate in the Pennsylvania "67" Challenge. The Challenge, sponsored by the Holmesburg Amateur Radio Club, is to make contact with all 67 Pennsylvania Counties. The Challenge is open to all amateur radio operators regardless of individual station capabilities. All contacts must be 2-way communications made in real time. These contacts may be on any Amateur Radio band/mode.

Contacts made using repeating devices such as FM repeaters, Amateur satellites, moon-bounce, and keyboard-to-keyboard contacts through digipeaters/nodes are valid, because these QSOs are made in real or near-real time. Contacts using IRLP, Echolink, or D-Star are valid as long as a radio is being used by both operators. All contacts must be made from the same county.



Pennsylvania 67 Challenge

Congratulations for
making a confirmed contact with
amateur radio operators in:



Presented by the Holmesburg Amateur Radio Club, WM3PEN,
Philadelphia, PA

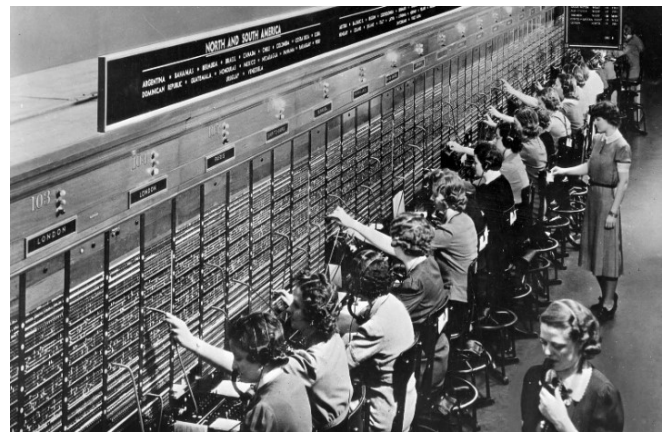
As an incentive Pennsylvania "67" Challenge certificates may be earned by working stations in 20, 40, 60, or all 67 Counties. Paper or electronic QSLs are acceptable. The contacts can be verified by a local club officer or mailed to the Holmesburg Amateur Radio Club.

Complete rules are posted on the HARC website. Questions on the Award can be directed to HARC at WM3PEN@ARRL.NET.

Historic AT&T high seas radio station to be demolished

The remains of shortwave radio station WOO, the Atlantic coast hub of AT&T's s high seas radio service will be dismantled. Plans call for the removal of more than 500 antennas and poles that stud 222 acres of salt marsh on New Jersey's Barnegat Bay.

The site at Good Luck Point was the transmitter station for WOO, which from the early 1930s onward was a shore-to-ship critical link to U.S. bluewater and coastwise shipping. Also known as the Ocean Gate site, the transmitter worked in tandem with a receiver site about 15 miles south on the marsh at Manahawkin, N.J. Both were part of AT&T's national "long lines" system, along with stations KMI near San Francisco and WOM near Miami. As technology changed and users began falling away, the stations still provided single-sideband (SSB) radiotelephone service up to February 1999 when AT&T announced it was ceasing operations. Satellite service had usurped the old manned shoreside station model, and the company was selling customers on its own Sea Call service using **Inmarsat** technology.



High seas and overseas radio operators at AT&T's New York City switchboard in 1943 handled calls through station WOO. (AT&T photo)

Stay Connected!

The HARC Club net meets every Wednesday night at 8 PM on the Club repeater. Check in and see what's going on. HARC has a Facebook page. Sign up today. Follow HARC on the web at www.harcnet.org and via the HARC Spark.



SUNSPOTS VANISH

So far in 2017, the big story in space weather is sunspots--or rather, the lack thereof. The sun has been blank more than 90% of the time. Only one very tiny spot observed for a few hours on Jan. 3rd interrupted a string of spotless days from New Years through Jan. 11th. Sunspots are an important source of space weather. They can unleash solar flares, cause radio blackouts and geomagnetic storms. However, equally interesting things happen when sunspots vanish. For instance, the extreme ultraviolet output of the sun plummets. This causes the upper atmosphere of Earth to cool and collapse. With less air "up there" to cause orbital decay, space junk accumulates around our planet. (spaceweather.com)

SWLFEST

Doubletree Guest Suites Philadelphia West
Plymouth Meeting, Pennsylvania
March 2-4, 2017

The Winter SWL Fest is a conference of radio hobbyists of all stripes, from DC to daylight. Every year scores of hobbyists descend on the Philadelphia, Pennsylvania suburbs for a weekend of camaraderie. The Fest is sponsored by NASWA, the North American Shortwave Association, but it covers much more than just shortwave; mediumwave (AM), scanning, satellite TV, and pirate broadcasting are among the other topics that the Fest covers. Whether you've been to every Fest or this year's will be your first, you're sure to find a welcome from your fellow hobbyists.

For 2017, the 30th Annual (!) Winter SWL Fest will have three days of sessions where you can learn about the latest developments in the radio listening hobbies, but there's so much more going on. There's a silent auction that takes place, where you're bound to find something of interest. There's the Hospitality Suite, where attendees partake of tuning oil and other treats and engage in spirited conversations. There is the closing Banquet, with after-dinner remarks by a luminary from the field, often one of the many broadcasters who attend the Fest, followed by the raffle, where you could win one or more of the dozens of prizes, ranging from pens from stations up to top-notch communications receivers. And of course, the infamous midnight ride of Pancho Villa that closes things out every year.

Warminster Hamfest Location Change

From the ARRL Website:

HAMFEST/CONVENTION

05/07/2017

Start Date: 05/07/2017

End Date: 05/07/2017

Location: Bucks County Community College - Lower Bucks Campus

1304 Veterans Highway

Bristol, PA 19007

Sponsor: Warminster Amateur Radio Club

Type: ARRL Convention

Talk-In: 147.09 (PL 131.8)

Amateur Radio

A

Contact Sport

HOLMESBURG AMATEUR RADIO CLUB

3341 Sheffield Ave., Philadelphia, PA 19136

“Serving the Community Through Ham Radio”

January 19 Club meeting

R, L, C – Bring a calculator

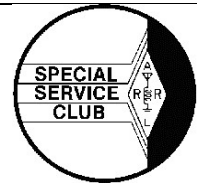


**HOLMESBURG AMATEUR RADIO CLUB
2017 MEMBERSHIP FORM**

HARC, 3341 Sheffield Ave, PHILADELPHIA, PA 19136

<http://www.harcnet.org>

WM3PEN/K3FI



All members in good standing are eligible to vote and hold a board office. Dues are \$20.00/year.

Make checks payable to H.A.R.C. and mail to 3341 Sheffield Ave, Philadelphia, PA 19136. Membership year begins May 1.

NAME _____ CALL _____

ADDRESS _____

City, State, Zip _____

Telephone # _____ Would you be willing to receive the newsletter via email? ____

E-mail _____

Are you an ARRL member? YES NO Membership Expires (mm/yy) _____