

www.w3uu.org



Harrisburg Radio Amateur's Club Newsletter

HRAC meets the second
Wednesday of each
month
at 7:00 pm at the
Red Cross Building
1804 North 6th Street
Harrisburg, PA

CLUB OFFICERS

PRESIDENT

Terry Snyder
WB3BKN
(717) 896-0256
terry@djterry.com

VICE PRESIDENT

Nick Rylatt
AA3T
(717) 957-4688
AA3T@arrl.net

SECRETARY

Tim Lehman
KB3OZA
kb3oza@yahoo.com

TREASURER

Joe Stepansky
KQ3F
(717) 657-9792
KQ3F@comcast.net

TRUSTEE

Steve Gobat
KA3PDQ
ka3pdq@juno.net

WEBMASTER

Matt Kiner
N3SOZ
n3soz@arrl.net

NEWSLETTER EDITOR

Shelby Minier
K3EMT
shelbyminier@gmail.com

The President's Letter.....

On February 8th, Wednesday, we will be having our annual banquet, called the Ham Feast, at the Fire Mountain Buffet on the Carlisle Pike, Mechanicsburg. I hope you can make it, because we always have a bit of fun at these events. We take time to honor the "Ham of The Year" and then there are the door prizes. Make sure that your dues are paid up and you could be the winner of one of the many door prizes, including two gift certificates for the ARRL valued at \$25 and one valued at \$50 for the ARRL. The big prizes are two dual band 5 watt VHF portables for 2 meters and the 220 MHz band. All are good reasons to come out for the evening. We start at 6pm and will be there until 9pm.

For many years we have looked for a safer location for our regular monthly meetings, rather than the Red Cross building on 6th street. Beginning with the March meeting we will be at the Fire training grounds of the Harrisburg Area Community College, on Industrial road. The directions can be found on the Hamfest flyer at the end of this newsletter. We will have directions listed in future newsletters as well. This is also the location for the Firecracker Hamfest, which will be on June 30 this year. The HRAC will continue to support the Red Cross. Thanks to Doug (K3DRE) for the help obtaining this location.

I hope to see you at the Ham Feast on Feb 8th

73, Terry (WB3BKN)



January Meeting Minutes

The January 2012 meeting of the Harrisburg Radio Amateurs Club was opened at 7:10 PM. by President Terry (WB3BKN) followed by introductions.

Secretary Report

Doug (K3DRE) made a motion, seconded by Rick (K2RBT), to accept the minutes of the previous meeting as published in the newsletter. Motion PASSED

Treasurers Report

Joe (KQ3F) presented the treasurer's report. One item of note was that the club's combined account balance is \$350.00 more that it was one year ago. Doug (K3DRE) made a motion, seconded by Rick (K2RBT), to accept the report. Motion PASSED

Laurel VE Committee

The next test session will be at the winter ham fest on Jan 14. The testing will commence at 9:00 AM.

Trustee Report – no report

Repeater – no report

Membership Committee

Tim (KB3OZA) reported that there are currently 38 paid-up members and the club has a 60.53% ARRL affiliation rate.

Newsletter – no report

RACES/ARES

Terry (WB3BKN) will meet with Red Cross representatives regarding liability insurance and other issues.

Skywarn – no report

DXCC

Chuck (N3WL) reported that Glenn (K3SWZ) has sent a batch of cards to the outgoing QSL bureau. He plans to make shipments quarterly.

Winterfest

Joe (KQ3F) will contact Faye Clark at Paxtang Borough to pay for the fire hall rental and pick up the key.

Ham Feast

The annual Ham Feast will be held on Feb 8, 2012 at Fire Mountain. A room has been reserved for our group from 6:00 Pm until closing. Joe (KQ3F) will purchase two handie talkies to be given away as door prizes. The HTs will be the Wouxon 2m/220MHz version with USB programming cable.

January Meeting Minutes, continued

Entertainment

Nick (AA3T) has arranged for Dale Long (N3BNA) to do a slide presentation of his dxpedition at the April meeting.

Old Business - NONE

New Business

Steve (KA3PDQ) suggested that we should find a single off-site storage location for club equipment rather than the current arrangement of storing equipment at the Red Cross and at various club members' homes.

Mike (N3HLK) received an application from KT3A for the Keystone award.

Good of the Club - NONE

There being no further business to conduct, Doug (K3DRE) made a motion, seconded by Ezell (K3ELJ), to adjourn at 8:00 PM. Motion PASSED

Tim Lehman, KB3OZA

Secretary



W3UU
is
ARRL Affiliated

Repeater Information

146.76, Tone 100 hz (PEMA 1)

147.075, Tone 123 hz (Dauphin County 1)

224.18, Tone 123 hz (WB3BKN, Terry)

And the newest CPRA repeaters:

444.550 MHZ, + 5.00 MHZ, Tone123 hz (Newport)

446.425 mhz, Tone 123 hz (Reeser's Summit)



Three Elements Passed at Same VE Session



Congratulations to Andrew Catherine (right), of Philipsburg, for passing all three elements, Technician, General and Extra at the VE session during the HRAC Winter Hamfest!

It is rare that one passes all three elements at one test session.



Pennsylvania Keystone Award

Congratulations to Cameron, KT3A for receiving the PA Keystone Award with four endorsements:

- CW
- SSB
- 40 meters
- 80 meters.

His logs contained over 400 PA contacts.

Submitted by Mike Kalbaugh, Awards Manager, N3HLK

Federal Emergency Management Agency ON-Line Courses

New FEMA classes are available on-line.

This information has recently been updated, and is now available on <http://training.fema.gov/emi>

New Independent Study Courses:

[IS-201 - Forms Used for the Development of the Incident Action Plan](#)

[IS-101.b - Deployment Basics](#)

[IS-102.b - Deployment Basics for FEMA Response Partners](#)

EMI News Updates

[2012 EMI Course Vacancies](#)

[2012 EMI Course Schedule 1st Semester](#)

[2012 EMI Course Schedule 2nd Semester](#)

Task Force Teams

Amateur working group for the South Central Task Force is forming teams to be on standby to be deployed to incidents out of our area. Members with ICS training and specified equipment are being assigned to teams to provide emergency communications for a minimum of 12 hours during a disaster.

HEARS teams are also being formed to be able to be assigned to hospitals within our region to provide emergency communications support.

ICS training is required to be assigned to these teams. Email me for details at kb3baa@arrl.net

Submitted by Marty Gutekunst, KB3BAA

Weekly HRAC Net

The weekly information net is held every Wednesday at 8:00 PM on the 146.76-repeater, except for the second Wednesday of the month, which is club meeting night.

Doomsday Antenna 2012

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!

This is part two (2) of our antenna that we will use in our search for planetary danger, whether from within our hollow sphere or a rouge space object. Hopefully you have obtained all the parts necessary to start assembly.

We have included detailed plans with dimensions so that you can fabricate the needed parts. Once you have all the materials on hand it is time to begin assembly.

Assembly is straight forward. Mount the elements as shown being careful not to split the broom handle dowels. Bolt the connecting straps in place using a non-oxidizing paste between the aluminum components.

Quite a few mounting schemes are available. Use good engineering techniques and you will have no problems. Personally, we prefer a method that allows portable operation; this also gives us the freedom to change polarity.

As far as the feed line is concerned we have used many types, including ladder lines, coax (50, 75, or 90 ohm, doesn't matter), or non-metallic sheath cables.

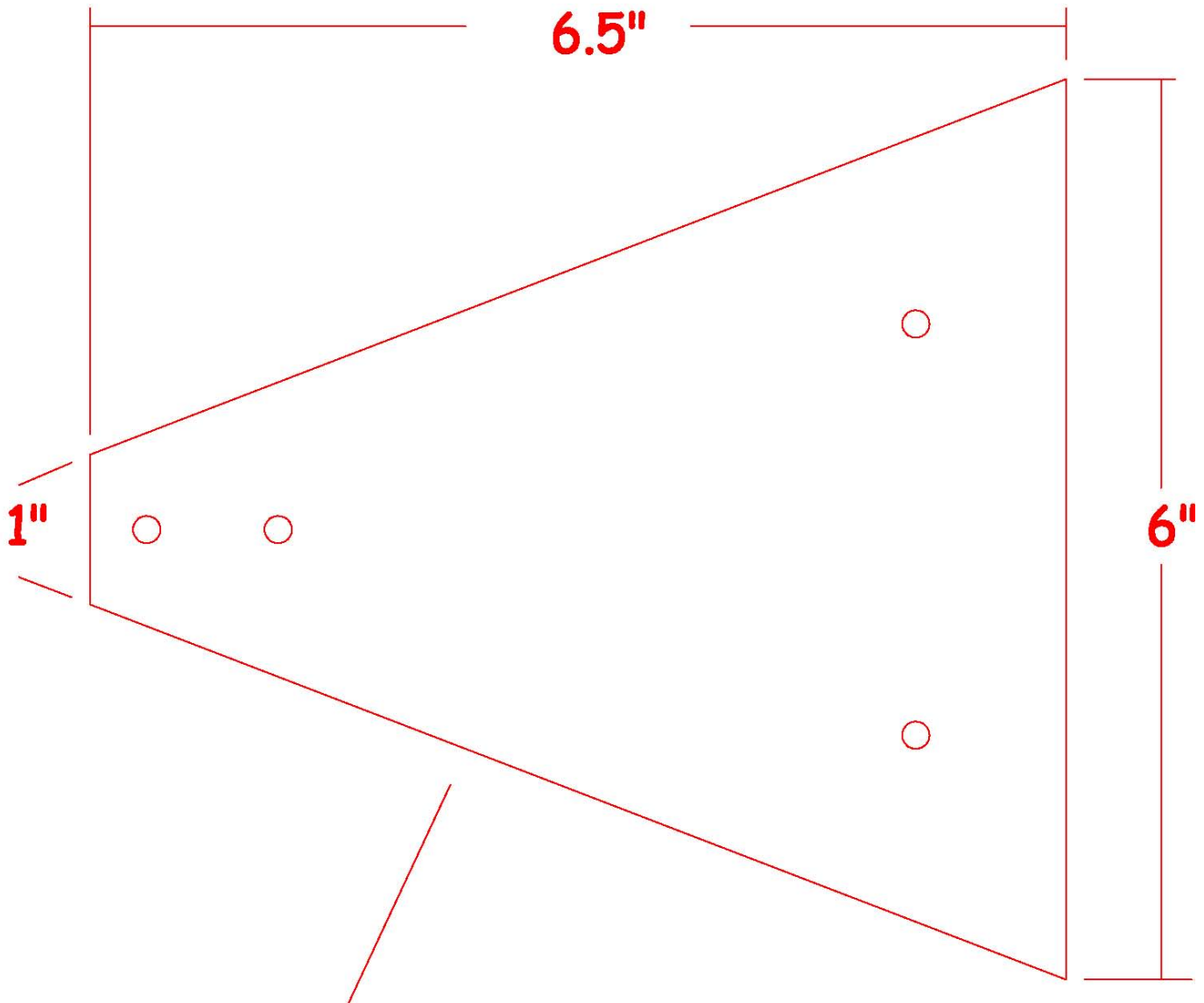
One of the advantages of this antenna is that you can change the dimensions of most all of the parts to suit whatever you may have lying around your shelter (You DO have a shelter, don't you?!).

One of the many uses of this antenna, besides the obvious, is that it does work on broadcast television.

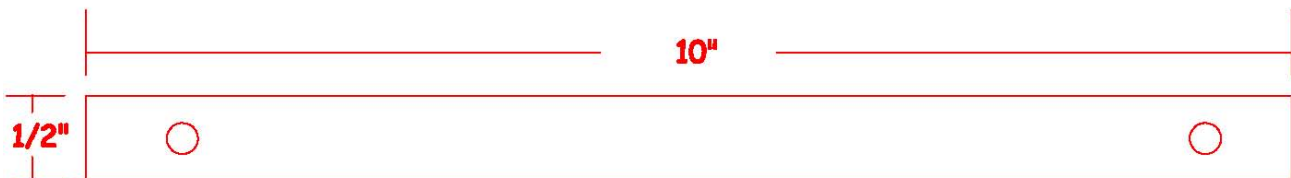
We also have found the antenna to be very low noise; we have had this antenna in the shack for a number of months and have yet to hear it make a sound—except for the evening it fell of the bench.

With all of the aforementioned, we hope that you will find a use for this project.

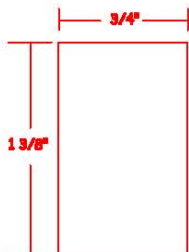
****Plans/diagrams for this project are listed on the next two pages. Enjoy! ****



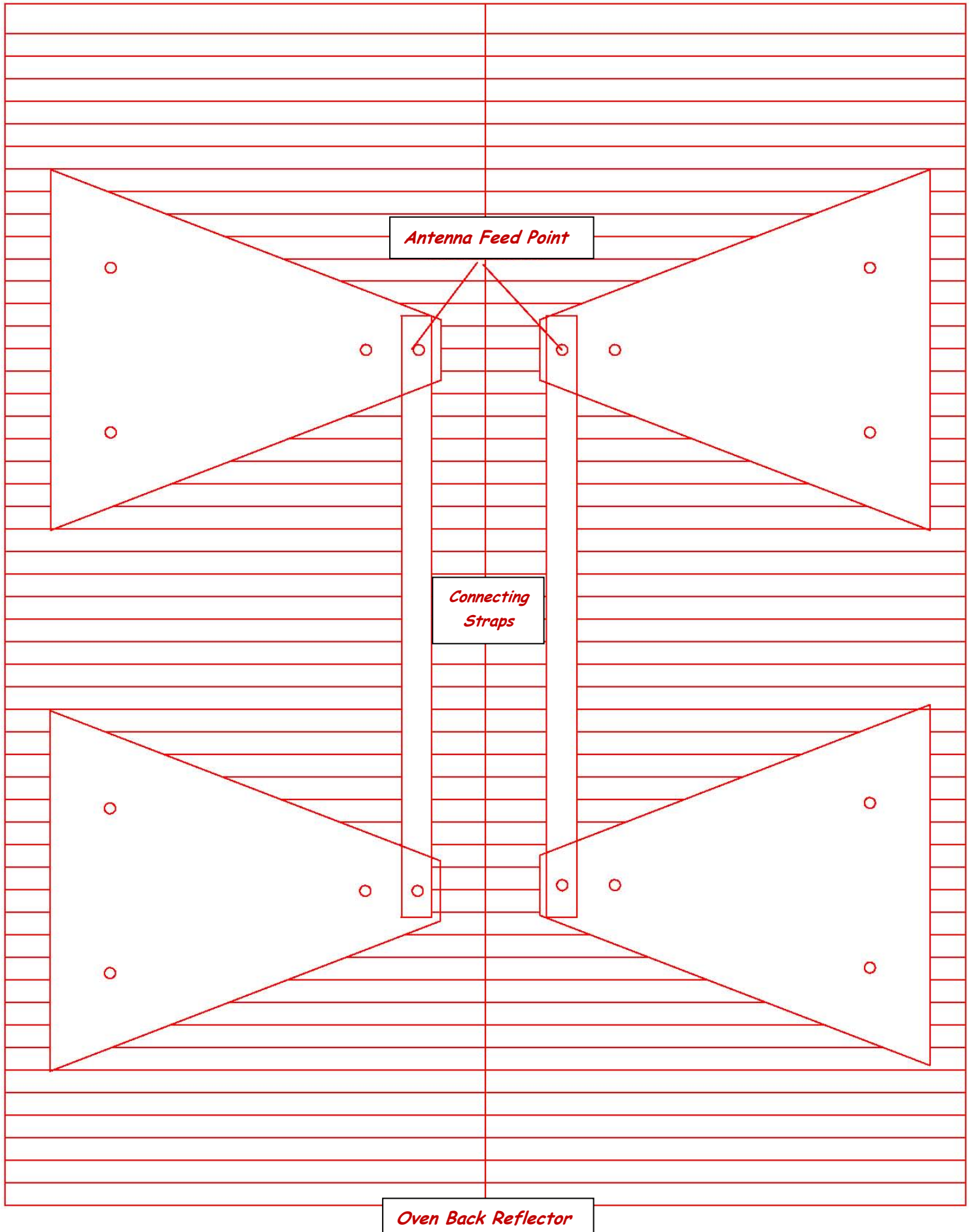
You will need four of these elements ALL holes are 3/16"



You will need two of these connecting straps



You will need 12 of these wood dowels if place outside they will need to be painted or sealed against moisture, on each end a pilot hole will need to be drilled so the stainless sheet metal screw will not split the wood, for even longer life non-conductive nylon could be substituted.



Letter from the Editor

The **February 8th meeting** of the Harrisburg Radio Amateur Club will be the club's annual banquet. We call this our "**Ham Feast**". The banquet **will be held at Fire Mountain, 6476 Carlisle Pike, Mechanicsburg**. We plan on starting at 6:00pm. Come on out for a chance to win door prizes and to see who is the 2011 "Ham of the Year".

Also, don't forget that **February 14th is Valentine's Day**. Plan something special for the significant person in your life.

Shelby Minier, K3EMT

Please send any articles for the newsletter to
shelbyminier@gmail.com



January VE Test Session Results

The results of our Test Session on January 14, 2012, held at the Winter Fest.

There were 6 Applicants.

- 9 elements were administered.
- 6 elements passed. 3 elements failed.

VEs in attendance:

Rodney, N3QLB
 Bill, KE3YC
 Doug, K3DRE
 Mike, N3HLK
 Steven, KA3PDQ

The next **ham radio testing session** will be held on Saturday February 18th at 9:00 am at the Dauphin County Emergency Operations Center. Please arrive by 8:30 am. The address of Dauphin County EOC is 911 Gibson Boulevard in Steelton.

Tentative testing dates for 2012, set up to be held at the Dauphin County EOC in Steelton are as follows: April 21, June 16, August 18, October 20, and December 15, 2012.

There will also be a testing session June 30th at the Firecracker HamFest.

PEMA Course Announcement – Homeland Security

COURSE: Homeland Security Exercise and Evaluation Program (HSEEP) Training Course (G146)
DATE: March 20, 21, 22 (3 days)
LOCATION: Northampton County
PREREQUISITES: YES. **MANDATORY Prerequisite: IS 120.a, An Introduction to Exercises**
Go to: www.training.fema.gov/EMIWeb/IS/IS120A.asp for this Independent Study course.

This 24 hour Homeland Security Exercise and Evaluation Program (HSEEP) Training Course is an intermediate-level training course that incorporates exercise guidance and best practices from the HSEEP Volumes. It is an interactive course that allows participants to share personal lessons learned and best practices while gaining practical experience. In addition to the instructor-led course presentations, the course includes small group activities, videos, group discussions, and introductions to HSEEP and related initiatives such as supporting technology (e.g., HSEEP Toolkit) and capabilities-based planning (e.g., UTL and TCL). This approach provides participants with hands-on experience that readily translates to real-world exercise responsibilities. Activities include creating exercise documentation, conducting planning conferences and briefings, and practicing exercise evaluation.

PREREQUISITES: MANDATORY Prerequisite: IS 120.a, An Introduction to Exercises

Go to: www.training.fema.gov/EMIWeb/IS/IS120A.asp for this Independent Study course.

NOTE: Prerequisite must be 120.a, An Introduction to Exercises. The former IS-120, An Orientation to Community Disaster Exercises, is not valid for this Course. Please fax or email Jen Johnson at ([302-454-5988](tel:302-454-5988)) or PEMA.registration@tetrattech.com) the prerequisite certificate 3 weeks before the class start date.

Requests for admission to the course will be denied without proof of prerequisite course.

TARGET AUDIENCE:

The primary audience for this training is individuals who have course associated responsibilities as their main job or as an auxiliary function at the State, county, or local level of government. Attendance will be approved on an individual basis.

You must describe your current responsibilities and how they specifically relate to your need to take this course.

You are NOT admitted until you receive a confirmation notice.

Priority will be given in the following order:

1. PRE-APPROVED Area Local Level Emergency Management Instructors.
2. County Emergency Management Coordinators
3. County Emergency Management Staff
4. Local Emergency Management Coordinators
5. Other emergency management personnel with responsibilities on a case-by-case basis

ADMINISTRATIVE INFO:

There is no cost for attendance at this course. Those commuting over 50 miles may receive single room lodging on the nights before a day of class by PEMA. Break periods will be provided for all participants on both course days; however, no food will be provided during the breaks. Lunch will not be provided. Attendees are responsible for travel, phone, and meal costs. Course will start at 8:00 a.m. and end at

PEMA Training Course-Train the Trainer

COURSE: HSEEP Train the Trainer
DATE: March 23 (1 day)
LOCATION: Northampton County
PREREQUISITES: YES. PEMA APPROVAL AND COMPLETION OF HSEEP COURSE.

You must successfully complete the HSEEP course to be admitted to the train the trainer.

YOU MUST ALREADY BE AN APPROVED LOCAL LEVEL EMERGENCY MANAGEMENT INSTRUCTOR TO ATTEND THE TRAIN THE TRAINER.

You are NOT admitted until you receive a confirmation notice.

PURPOSE:

Train-the-Trainer is designed to prepare participants to teach the HSEEP Course. This training will equip approved instructors with the information needed to deliver the course.

PREREQUISITES:

There are several prerequisites for this course.

1. Participants must have completed the HSEEP course prior to attending this session (proof of prior completion will be required). *If the March 20-22 delivery of the course is to be used to fulfill this requirement, students are responsible for attending the course. Failure to complete the course will result in the student not receiving a certificate, or admittance, for this Train-the-Trainer.*
2. ALL participants must be approved by PEMA. Only currently approved local-level emergency management training personnel are approved for this course. No other personnel will be admitted.

TARGET AUDIENCE:

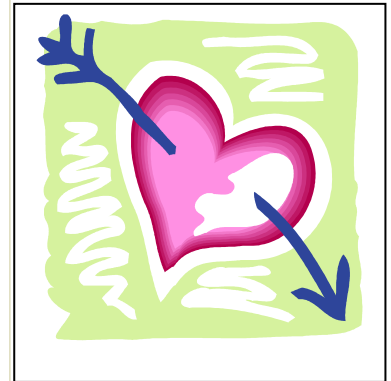
The primary audience for this training is individuals with experience as emergency management trainers having significant exercise experience.

Local Level Emergency Management Instructor personnel will be the only people considered for enrollment. Priority will be Eastern Region, Central Region, then Western region instructors. As space and budget permits, Western Region instructors MAY be accepted.

ADMINISTRATIVE INFO:

There is no cost for attendance at this course. Those commuting over 50 miles will receive single room lodging on the nights before a day of class. Non-food breaks may be provided for all participants on the day of the course. Lunch will not be provided. Attendees are responsible for travel, phone, and meal costs.

Course will start at 8:00 a.m. and end by noon.



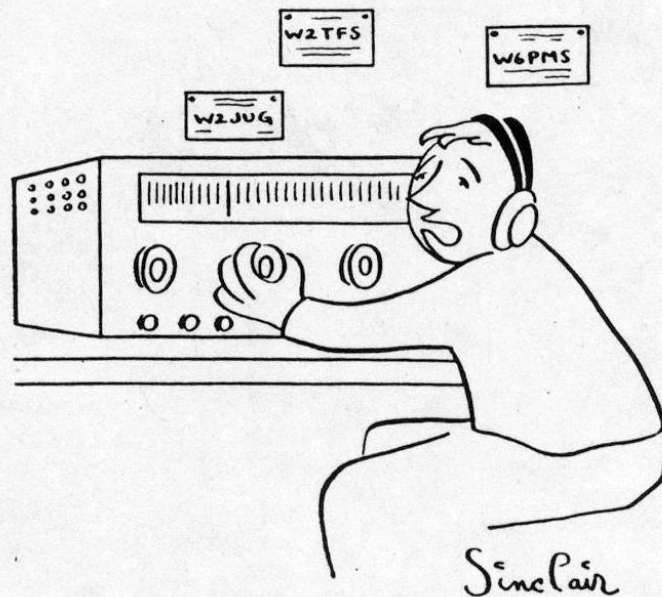
Winterfest Pictures

Submitted by Pete, KB3WIH

VE Testing Saturday
Feb. 11 at 9:00 am in
the Juniata County
Library, 498 Jefferson
St. Mifflintown, Pa.



A little Ham Humor,
submitted by Terry,
WB3BKN



Must be some kind of a nut. He just
keeps tapping, "Hi, hi, hi . . ."

Skywarn Spotter Training

Do you like thunderstorms? Do you like serving your community during times of need? If you have answered yes to the above questions, then you are invited to the Lancaster County Severe Weather Spotter Training for the 2012 storm season. Public invited!

Date: April 12th, 2012

Time: 6:30 PM – 8:00 PM

Location:
Lancaster County Public Safety Training Center
101 Champ Boulevard
Manheim, PA 17545

Cost: FREE!

Pre-registration required:
dboucher@lancema.us



Sponsored by:

Lancaster County Emergency Management Agency and National Weather Service-State College



W3UU - Harrisburg Radio Amateur Club - 40th Annual

NEW DATE

NEW DATE

Saturday JUNE 30 2012



Eastern Pennsylvania Section

Convention

&

FIRECRACKER

Electronics Expo and Hamfest

“The Harrisburg Pa. Electronics Expo and Hamfest”

Harrisburg Area Community College

Fire training grounds

3599 Industrial Road, Harrisburg, PA **NEW LOCATION**

- ◆ Covered indoor Commercial Tables Available
- ◆ Largest Tail Gate / Electronic Flea Market in Central PA
- ◆ Over 500 tailgate spaces available
- ◆ New and Refurbished equipment dealers on site
- ◆ ARRL Sanctioned Hamfest / Section Convention
- ◆ Great Food (Breakfast and Lunch)
- ◆ Meeting room available for clubs and discussions
- ◆ DXCC & WAS cards checked on site until 10:00 am
- ◆ VE Testing on site at 11:00 am (Walk-in Welcome)

W3UU
146.16/76 MHz
PL 100 Hz

Map on Reverse
side of this flyer

**Special Event
Station
W3W
In operation at the
Convention**

General Admission: \$5.00 (XYL & kids free)

Tail Gating: \$5.00 per space

Tables: \$12.00 each before June 1

\$15.00 on or after June 1

General Admission: 8:00 AM

Dealer Setup: Hamfest Day 6:00 AM

Prior Day 6:00 PM - 9:00 PM (Strictly enforced)

For further information contact:

Web Site: www.w3uu.org

Email: WB3BKN@gmail.com

Tel. 717-896-0256

Terry Snyder, WB3BKN

PO Box 355

Halifax, PA. 17032-0355

Directions to the Hamfest from rt. 81 (watch for signs):

Located just north of Harrisburg, Pa.

Rt. I-81 to Exit 67 (Follow signs to Farm Show Rt. 22 East)

Follow Rt. 22 about 3000 ft, Turn RIGHT at light

Continue on Wildwood Park Drive and road will become Industrial Road. Hamfest / Convention is 3/4 mile on RIGHT

3599 Industrial Road, Harrisburg, Pa 17110

40.303645,-76.888379

Represented on this map and picture by the Green B and arrow the "A" is Exit 67



From Rt 83 and points south:

Exit 43 (Second Street, Harrisburg)

Follow ramp to light at Paxton St. and turn RIGHT

At next light (Cameron Street) turn LEFT

Follow Cameron street to Wildwood Park Drive, at Farm Show, Turn Left

Continue and road becomes Industrial Road, Hamfest is ¾ mile on Right

Mapping/APRS Coordinates

Hamfest: **40.303645,-76.888379**

Co Chairs: Terry Snyder (WB3BKN) and Charles Greiner (N3WL)

MEMBERSHIP APPLICATION

MAIL TO:
Tim Lehman (KB3OZA)
PO Box 453
Harrisburg, PA 17108-0453
717-982-8550

Make checks payable to HRAC—Membership is \$15.00 (\$7.50 if over 62) per year.
Dues end December 31st.

NAME _____ CALL _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL _____

ARRL Member: Y _____ N _____

SIGNATURE _____

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