



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

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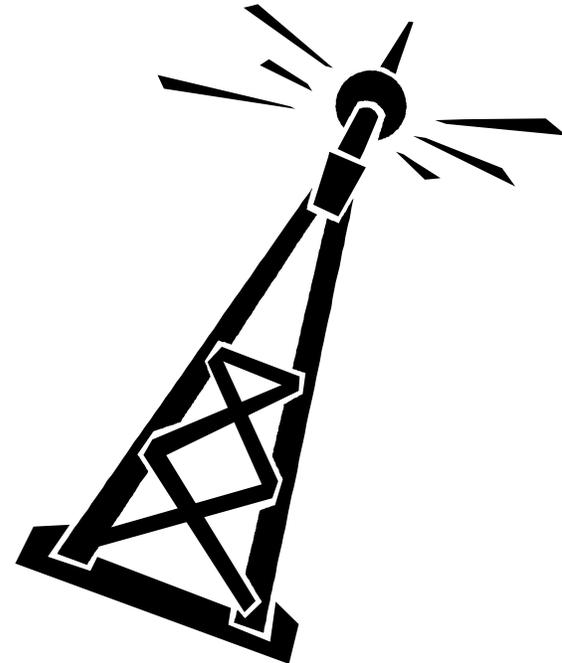
The President's Letter.....

Looking ahead, next month we will begin our Tech/Elmer sessions before our regular meetings. Be at the meeting 30 minutes early to join in the discussions. What we hope to cover are topics of interest to both, new, and experienced amateurs. As an example, those of you who may be new to HF, may have discovered that there are frequencies which you may have been asked to avoid, or you have stumbled onto a net of some kind. Worse yet, some rude operator upset you so much that you no longer want to turn the radio on. Antennas, digital communications, operating procedures, and much more are planned to be covered. Your input will guide the subjects, and conversation.

Emergency communications is not all that we do,

However, when the time arrives that you may be in a situation to help, it is best to know what to do. The best way to learn is by doing. Marty has been asking for people to volunteer to help with various events. These events are a perfect learning opportunity, and they can be fun too. Check the list of needs, and try to help. The skills learned will also help you in your regular non emergency air time so that you can better enjoy amateur radio.

Terry Snyder WB3BKN



August Meeting Minutes

The August 2012 meeting of the Harrisburg Radio Amateurs Club was called to order at 7:00 PM. by President Terry (WB3BKN) followed by introductions.

Secretary Report

Chuck (N3WL) made a motion, seconded by Doug (K3DRE), to accept the minutes of the previous meeting as published in the newsletter. Motion PASSED

Treasurers Report

Joe (KQ3F) presented the treasurer's report. Doug (K3DRE) made a motion, seconded by Chuck (N3WL), to accept the report. Motion PASSED

VE Committee

Steve (KA3PDQ) reported that the next regularly scheduled session will be August 18, at the Dauphin County EMA at 9:00 AM. He hopes to be able to move all testing to HACC beginning in 2013.

Trustee Report – No changes.

Repeater Committee – Steve (KA3PDQ) reported that the machine is working well but lately he has noticed that propagation conditions are allowing a distant machine that uses the same frequency as ours, but a different PL tone, to be heard. The problem is that when local people are trying to work the distant machine, they are not programming the correct tone into their radio and thus keying our machine instead of the distant one.

Membership Committee – No changes.

Newsletter - no changes

Web Page - no issues

EMCOMM - Marty (KB3BAA) reported the following:

The Camp Muckleratz horse ride was a big success.

The DEMA EOC exercise used two operators.

Wide Vigilance IV will be held in September. This is a four day, multi-county exercise held by the SCTF and HACC will be one of the primary locations for exercise activities. Wednesday will be a tabletop exercise. Operators will be needed for stand-by on Thursday and Friday. The DEMA EOC will be activated on Saturday and will require one or two operators.

There will be a meeting on Monday, 8/13, with the organizers of the Hershey Half-marathon.

The Marine Corp Marathon will be Oct 27. Anyone who wants to participate must go the weekend prior to the race for orientation and background check.

July 5 - 8, 2013 will be the 150th anniversary of the Battle of Gettysburg. There will be a need for operators at the event.

DXCC - no report

August Meeting Minutes, continued

Entertainment - Pete (KB3WIH) was unable to attend the meeting due to a previous commitment so Joe (KQ3F) will do a presentation on a weather-related topic.

Winterfest -

- Date: Jan 19, 2013
- Doug (K3DRE) will check with HACC to see if we can hold the event on campus.
- We already have a reservation for the Paxtang fire hall.
- Further discussion was tabled until more information is available.

Old Business – Mike (N3HLK) asked about the donation to the scouts for their work at the ham fest. Doug (K3DRE) made a motion, seconded by Rick (K2RBT), to give the scouts \$150.00. Motion PASSED.

New Business -

Marty (KB3BAA) brought up the JOTA event being planned by the Berry Mountain club. He suggested that we make our equipment available to BMARC for the event.

There was discussion as to exactly what equipment to offer; radios, antennas, miscellaneous accessories or something else.

Steve (KA3PDQ) stated that someone should be willing to take responsibility for the equipment in the event of loss or damage.

Mike (N3HLK) added that the request should be made in writing and reiterated the need for someone to specifically to accept responsibility for the equipment.

Discussion ended with no action proposed or taken.

There being no further business to conduct, Doug (K3DRE) made a motion, seconded by Shelby (K3EMT), to adjourn. Motion PASSED

Meeting adjourned at 1950 HRS.

Tim Lehman, KB3OZA

Secretary



W3UU
is
ARRL Affiliated

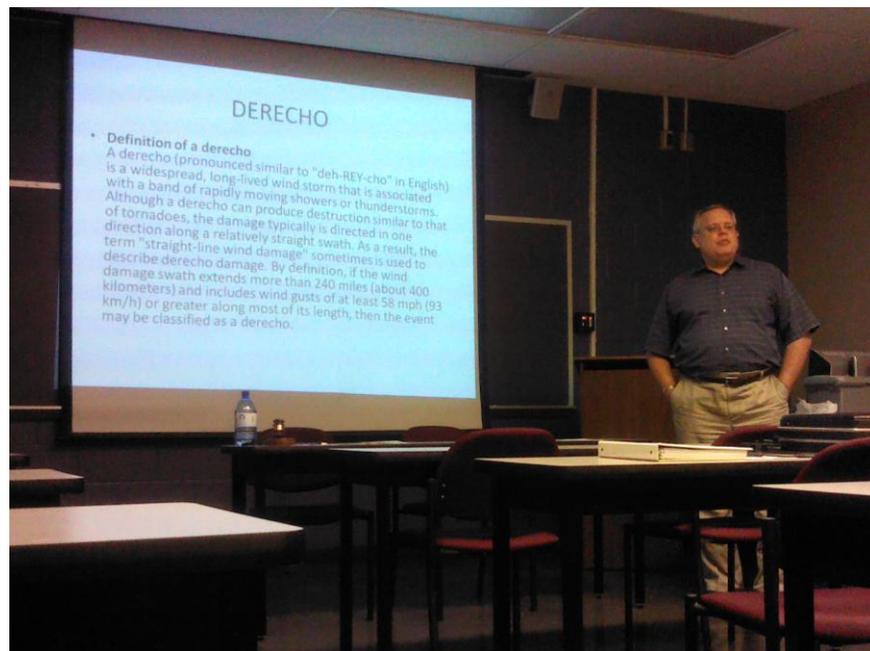
Weekly HRAC Net

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.

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

Pictures from the August meeting.....

Presentation on weather by Joe Stepansky, KQ3F



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What Happened to the Moon?

In recent weeks it was reported that Neil Armstrong was recovering from surgery. (Pete that's the first man to walk on the moon) He is now 86 years old some of us must be getting old! Now I have to admit before going on that I believe that we have been visited in the past by extraterrestrials or some type of time travelers who used advanced technology to build some of the manmade wonders of the world. With that said let's move on to this month's topic.

Why have we not gone back to the moon? Why was the last mission cancelled even after the spacecraft was built and almost ready to launch? Why have the Russians never gone? As you may remember in the 60's America and the Soviet Union were locked in a space race with technological advances not seen on the planet before. My researchers have found evidence that we were not locked in a race to the moon. We were in a race to recover what was on the moon!

Ancient secret writings uncovered by the Germans in WW II indicated the location of advanced technology that had been placed (left) on the moon for the civilization advanced enough to claim it. America as well as the Soviets spent millions upon millions of dollars to claim this prize. What other reason besides being first would there be in such an investment? Unmanned missions had already explored the moon to know that no life existed and the lunar landscape is not a vacation paradise. The technology in the 60's probably would not have lent itself to some kind of weapons platform on the moon or a permanent colony. So why go and then not go back? Only one reason we either found the prize or found it didn't exist. My research Team is under the opinion that we found that technology! If we had not found it the Soviets would have continued their quest to land on the moon not believing the U.S. that it was not there.

What did we find? Where is it now? In a larger sense does it even matter what IT was, just the fact that someone or something else was there before would be enough to set the world on its head! Consider the advances in just computers and electronics in the last 43 years since the first moon landing it would seem a relatively easy project to go back. (At one time it was said there was more computing power in a Commodore 64 than was on the first generation space shuttles!) Or did we learn that the Moon is not a rock in space but a spacecraft that brought us here from another world long, long ago. How else could we bounce signals off a nonmetallic object? Is December 21, 2012 the date of our family reunion? Think about it.



FCC Releases Congressionally Mandated Study on Amateur Radio

On August 20 -- in response to a Spring 2012 Congressional directive -- the Federal Communications Commission released its findings on the Uses and Capabilities of Amateur Radio Service Communications in Emergencies and Disaster Relief: Report to Congress Pursuant to Section 6414 of the Middle Class Tax Relief and Job Creation Act of 2012.

This report contains the FCC's "review of the importance of emergency Amateur Radio Service communications relating to disasters, severe weather and other threats to lives and property in the United States; and recommendations for enhancements in the voluntary deployment of Amateur Radio operators in disaster and emergency communications and disaster relief efforts; and recommendations for improved integration of Amateur Radio operators in the planning and furtherance of initiatives of the federal government." It also required "that the study identify impediments to enhanced Amateur Radio Service communications and provide recommendations regarding the removal of such impediments."

"There are many positive things included in the FCC report to Congress," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "We are pleased that the Commission highlighted the existing Amateur Radio infrastructure to provide disaster and time-critical communications. They also recognized the flexibility of the Amateur Service in working with federal, state, local and tribal emergency service agencies to supplement existing communications. The affirmation of the value that Amateur Radio brings to the communities across the country is underscored by the suggestion that 'DHS work with state, local, and tribal authorities so they may develop disaster area access or credentialing policies for trained amateur operators, including a means for documenting their qualifications...'"

While the FCC did hold Amateur Radio in a positive light in its discussion of emergency Amateur Radio Service communications, the FCC report was not as favorable in the portion of the study that addressed impediments to enhanced Amateur Radio Service communications. In the comments provided to the FCC as they prepared the study, the ARRL -- as well as numerous individuals -- cited the proliferation of specific land-use restrictions, such as deed restrictions and homeowners associations covenants, that prohibit the erection of even modest Amateur Radio antennas.

The ARRL cited that such restrictions now apply to tens of millions of homes and condominiums. In communities across every state, these restrictions make finding suitable living arrangements that would also allow amateurs to participate effectively in providing support communications nearly impossible to find. The FCC disagreed with that assessment stating "...our review of the record does not indicate that amateur operators are unable to find homes that are not subject to such restrictions. Therefore, at this time, we do not see a compelling reason for the Commission to revisit its previous determinations that preemption should not be expanded to CCRs."

When considering any current rules that serve as impediments to enhanced Amateur Radio Service communications, the report did agree with the ARRL's position, stating that "Commission rules that may be an impediment to enhanced Amateur Service emergency communications can, as the ARRL notes, be considered through the Commission's rulemaking process. Consequently, we do not believe that Congressional action is necessary to address any of these issues."

In the report, the FCC recommended that "DHS consult with the public safety, emergency management and Amateur Radio emergency communications associations and groups to identify training opportunities that will support better utilization of Amateur Radio operators for emergency communications, and to solicit views on how Amateur Radio capabilities could be further incorporated into response plans or initiatives. We also recommend that OEC include these recommendations in the NECP."

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Henderson noted that it is significant "that the FCC recommends efforts be continued by DHS to facilitate the training and utilization of Amateur Radio across the emergency and disaster response spectrum -- from the public sector through to the various groups and organizations which provide support communications via the Amateur Service, including ARES, RACES, MARS or locally organized support groups. When served agencies and amateur groups plan and train cooperatively, it only enhances our abilities to serve our communities and the public."

With the delivery of the FCC's report to Congress, the ARRL will determine its next step in its efforts to find relief for amateurs who live under unduly restrictive private land-use regulations. "Our review of the FCC report shows that there is a lot to be done if amateurs living in deed-restricted properties are to receive even the limited relief they enjoy under the Commission's PRB-1 ruling or the limited relief given to deed-restricted properties given by the FCC's OTARD ruling," Henderson said. "This means continuing ARRL's efforts on Capitol Hill and continuing to seek a Congressional directive to the Commission to extend those limited preemptions to include prohibition of effective Amateur Radio antennas and support structure that are imposed by private land use restrictions. The FCC report to Congress is not the final action in this fight. It merely lays the groundwork for the next steps to be taken by the ARRL," he concluded.

Read the complete FCC report on the web at,
http://transition.fcc.gov/Daily_Releases/Daily_Business/2012/db0820/DA-12-1342A1.pdf.

Local Repeater Information

146.76 (100) W3UU Blue Mountain

147.075 (123) W3UU Ellendale (Dauphin County)

146.79 (114.8) KB3TWW Reeser's Summit

145.11 (123) W3ND Ellendale

145.29 (123) W3ND IRLP NODE 7060 Blue Mountain

145.47 (123) W3ND Blue Mountain

224.18 (123) KA3RKW Blue Mountain (Halifax Radio Club)

444.45 (123) W3ND Blue Mountain

444.55 (123) W3ND Newport

446.425 (123) W3ND Reeser's Summit

448.075 (123) W3ND Ellendale

147.24 (123) KB3VDL Elizabethville (Berry Mountain Amateur Radio Club)

145.430 -600 (67) N3TWT (Mt Holly Springs)

Auxiliary Communications Training Participation

On August 11 and 12 four hams from Dauphin County participated in a PEMA/Homeland Security Auxiliary Communications Services session where we exercised their ability to deal with Incident planning and response with other EMCOMM hams from around the state, Participants from Dauphin County included:

Rod Gallagher
Rick Talyor
Don Kunst
Marty Gutekunst

Wide Vigilance I V, the South Central Task Force Exercise

We need amateur radio operators in Dauphin County to be available for possible activation for 12 hour shifts starting 1200 hours Thursday September 20 through 0800 Saturday 22.

Volunteers are also need to help by being able to support three hospitals in Dauphin County on Saturday September 20 from 0800 1200 hrs.

Hams with incident command system (ICS) training preferred. Digital experience using FLDIGI also preferred.

Please contact Marty (KB3BAA) at 652-3702 or 439-8971 or at kb3baa@arrl.net with your availability.

Submitted by Marty Gutekunst, KB3BAA

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!

Long Delayed Echoes.....

Looking back through the rich history of the Harrisburg Radio Amateur's Club

By Mark Robinson (WB3JIS)

Providing emergency communications has been a long-standing commitment of HRAC. This month we go back a relatively few years to the November 2003 newsletter.

On October 4th, 2003 members of the Harrisburg Radio Amateur's Club/ARES activated Club station W3UU in support of the annual Simulated Emergency Test (SET). Members operated HF, Two meters voice and two meter packet. The group handled communications in two different exercises one in the Cumberland county area (which was a freak ice storm) and the other a Haz Mat incident in Shrewsbury York County. Hams participating were N3YB, N30S0, KB3DAJ, N3JRO EC, and KA3PDQ DEC.



The next **ham radio testing session** will be held on Saturday October 20th at 9:00 am at the Dauphin County Emergency Operations Center.

Please arrive by 8:30 am

The address of the EOC is 911 Gibson Boulevard in Steelton.

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The last testing dates for 2012 will be December 15
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August Amateur Radio Testing Results

We had 4 applicants. All passed!

- 1 Extra
- 1 General
- 2 Technician

VEs present:

- George, N3YB
- Bill, KE3YC
- Doug, K3DRE
- Rodney, N3QLB
- Steven, KA3PDQ

All went well with the new answer sheets and keys. Those in attendance liked the new fill in the circle answer sheets. The filled in circle really stands out when you overlay the answer key.

Thanks for everyone's help and support.

Steven, KA3PDQ



Ham Radio Nets

Adams County Amateur Radio Society
Tuesday 7:30 145.35 PL 103.5 except club meeting nights.

Appalachian Amateur Radio Group
Sunday 8 PM 146.64 PL 82.5 and echolink 149493
Thursday 8PM 146.64 PL 82.5 NTS traffic net

Berry Mountain Amateur Radio Club
Tuesday 9PM 147.24 PL 123.0

Cumberland Amateur Radio Club
Wednesday 9 PM 28.440

Cumberland Valley Amateur Radio Club
Sunday 9 PM 147.12

Ephrata Area Repeater Society
Monday 9 PM 145.45 PL 100.0
Friday 9PM 146.61 PL 131.0 Digital Net

Keystone VHF Club of York
Monday 8:30 PM 146.97 PL 123.0
Tuesday 8 PM 146.97 PL 123.0 Keystone Digital Net
Wednesday 9PM 146.97 PL 123.0 QCWA net

Lancaster Radio Transmitting Society
Thursday 9 PM 147.015 PL 118.8

Lebanon Valley Society of Radio Amateurs
Tuesday 8 PM 147.315 PL 82.5

PennMar Radio Club
Tuesday 8 PM 147.33 PL 123.0
Sunday 8:30 28.450 Dew Drop Inn net
Friday 8 PM 28.495 South Central PA net
Thursday 8:30 146.55 Tri-State Simplex net

Red Rose Repeater Association
Wednesday 9PM PL 118.8

South Mountain Repeater Association
Monday 8 PM 146.46 PL 67.0 Capitol Area Traffic net
Monday 9 PM 145.43 PL 67.0

Tuscarora Amateur Radio Association
Sunday 8 PM 147.045 PL 146.2

If you know of a ham radio net not listed please e-mail the information to shelbyminier@gmail.com

We will keep adding to the list.



Thanks to Dave, N3PRO for compiling the list!

Swap & Shop

Kenwood TS-830S CW/SSB Transceiver, 10-160M including WARC bands.. Works fine and is in good condx. with manual, no mic. Excellent HF rig for beginner or seasoned ham: \$375

Drake LP-1000 Low Pass Filter for HF use: \$20

Dow Key Coaxial Relay for antenna change-over, 115 VAC, UHF connectors (these are rare) : \$40

Heavy Fiberglass OSCAR antenna system Cross-Boom: \$40

Plastic Battery box for large Marine battery: NEW!: \$20

CDR Rotor Control box for HAM-M, TR-44, etc. Good for parts only: \$15

Astron 12 V/20Amp Power Supply: \$60

Astron 12V/12Amp Power Supply: \$45

Genave PS1/10 12V/6 Amp Power Supply: \$20

Micronata 12V/2.5 Amp Power Supply: \$15

Glenn Kurzenknabe, K3SWZ

717-774-1728

k3swz@arrl.net



Rohn 45 Four(4) 10' straight sections \$105 each

Tailtwister with EZrotor mod, very good condition \$400

Ed Caplan

W3cc@hotmail.com

If you are a vendor interested in advertising in the newsletter,
please contact Terry Snyder, WB3BKN at terry@djterry.com or Shelby Minier, K3EMT at
shelbyminier@gmail.com

Swap & Shop ads for ham radio equipment are published at no cost.

2012 Emergency Management Conference

Registration is now live! To register for the 2012 Emergency Management Conference, please go to the PEMA website at www.pema.state.pa.us and click on the "2012 PEMA Annual Conference" tab located mid-lower right hand corner. This tab will direct you to the registration page. Registration will be open until Friday, October 5, 2012. Please register as soon as you can! Keep in mind when requesting a hotel room, you must live and work 50 miles away from The Holiday Inn Harrisburg East. If you are closer than 50 miles, you will not be approved for a hotel room. Should you have any questions regarding registration, please contact Sandra B. Silva, Conference Registration Manager, at [717-651-2235](tel:717-651-2235) or via email RA-RegistrationReq@state.pa.us.

For the ACS Specialty Seminar we have a seating capacity of approximately 80 people. This has not been an issue in the past. Registrations will primarily be taken on a first come/first serve basis. However, should we have more registrations than capacity allows, we may not be able to accept some requests. The reason for this is to ensure all counties/organizations are able to have representation at the Specialty Seminar.

Thank you all for your patience. We look forward to seeing you at this year's conference!

Christopher E. Snyder, Commonwealth ACS Coordinator
Email: chrsnyder@pa.gov

Hershey Half Marathon 2012

A minimum of six operators are needed for the upcoming Hershey Half Marathon on Sunday October 21st.

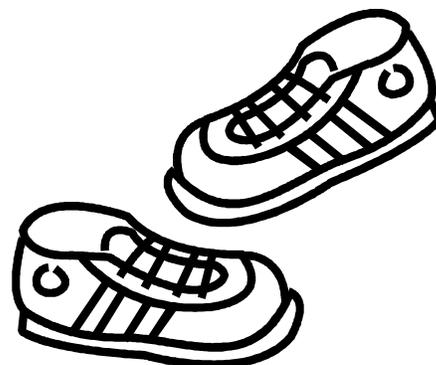
In the past we staffed 4 rest areas and command for the event.

The race had operators onsite starting at 6:45 AM through the end of the race, which ended by 11 AM.

This event is operated under ICS at the direction of the sponsors, Hershey entertainment.

ICS training is preferred, especially for command, but **not** required.

If interested please contact me by September 14th at kb3baa@arrl.net or 439-8971.



MEMBERSHIP APPLICATION

MAIL TO:
Tim Lehman (KB3OZA)
PO Box 453
Harrisburg, PA 17108-0453
717-982- 0

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

NAME _____ CALL SIGN _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL _____

ARRL Member: Y _____ N _____

SIGNATURE _____ DATE _____

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