

Kilowatt Harmonics



June, 2012



Inside This Issue

- 1 Ye Olde Editor Says
- 2 Elmer Night Speakers
- 2 13 Colonies Special Event
- 2 Carol's Comments
- 2 VE Test Session Calendar
- 3 Monthly WASH Breakfast
- 4 Monthly NHARC Breakfast
- 4 A Year without Dayton
- 5 Dayton 2012 Review
- 6 You Tube Videos
- 6 SCARC in the News
- 7 FEMA Course Announcements
- 10 In the Public Interest
- 12 Upcoming Hamfests

Ye Olde Editor Says...

Another Field Day has come and gone. SCARC Field Day weekend coverage will be part of next month's newsletter. Thanks to KB3VHT and to N3EQP for providing Ye Olde Editor Field Day pictures!

The summer "dog days" of August have come early this year! We have been getting our WX coming up from the South – that means "3-H WX" – Hot, Humid and Hazy! This is a good time to make sure that your HT batteries are fully charged in case a SKYWARN net needs to go up on the .09 repeater should your commercial mains go out due to severe WX! Keep alert and safe during this "3-H WX". Drink plenty of water and stay inside with your A/C. Remember this "3-H WX" provides the catalyst for severe thunderstorms should it hit a cold front - tornadoes **may be** spawned from severe thunderstorms! Keep your eyes to the sky and your ear to NOAA WX radio. Participate in SKYWARN nets – your information is vital to the Pittsburgh NWS! Better yet, consider volunteering and become part of our local SKYWARN team! Operators are needed at the Pittsburgh NWS office in Moon Township, especially during normal weekday working hours, when a majority of us cannot volunteer (Ye Olde Editor included!). If interested, contact KA3JKS, Sue.

Remember to disconnect the antennas from your radios if you hear thunder or thunderstorms are in the forecast!

Until next month – 73 de NU3Q...QRT.

Upcoming Elmer Night Speakers

President Art, WA3BKD, wanted me to let the club know that he has secured some speakers for the SECOND Wednesday for Elmer night topics. The fun and merriment starts at 7:30 PM. In July, Jack Layton, W9UK, will be talking about antennas and transmission lines. In August, Paul Pinyot, KB3LZP, will be talking about 5 tube radios and restoration techniques with said radios. In September, Bob Bastone, WC3O, will present PL-259 installation K3LR style. Ye Olde Editor will present "Estate Planning for your Amateur Radio Equipment – Now What?" in October. Be sure to join in these informational and educational sessions!

13 Colonies Special Event Station

The 2012 13 Colonies stations will operate from 12:01 AM Eastern (0401Z), on July 1st, (That's one minute after midnight, early Sunday morning, July 1st) to 11:59 PM Eastern (0359Z July 6) ending on July 5th (One minute to midnight, late Thursday night, July 5th).

Recognizing that the 4th comes in the middle of the week (Wednesday) and that some operators will be going to their work on the 2nd, 3rd and 5th, we will add a BONUS DAY on Saturday, 30 June 2012!! Stations will operate from 09:00 AM Eastern (1300Z) right through until the 5th. Keep in mind that there may be fewer operators available on the work days so, PLEASE BE PATIENT!

There will be at least two S.E. stations per colony state. Also included will be Super contest stations, multi-operator Club stations & OM & XYL teams.

Editor's Note: Excerpt from <http://www.13colonies.info>. Full details are on that link.

Carol's Comments

I would like to thank all those who participated in the blood drive for Kevin Smith N3HKQ last month. It was very successful. 73, Carol de KB3GMN, President – Wireless Association of South Hills.

Editor's Note: Excerpt from the June WASHRag Newsletter

VE Test Session Calendar

July 3, 2012 – SCARC Clubhouse – 7 PM

July 5, 2012 – Salvation Army – Greentree – 7 PM

July 12, 2012 – Beaver County EOC – Ambridge – 5 PM

July 14, 2012 – Northland Public Library – North Hills – 12 PM

July 19, 2012 – Salvation Army – Greentree – 7 PM

July 25, 2012 – North Strabane Township Municipal Building – 6:30 PM

Monthly WASH Breakfast

Please join us for the next **WASH** Breakfast! We usually get together on the LAST Saturday of every month for a chance to informally sit down, shoot the breeze, compare notes, drink lots of coffee, and just have a good time!

Join us this month at **The Beach House**, on Route 88 in Finleyville, just south of Trax Farms and adjacent to Mineral Beach. Start time is about 8 AM until ????. Monitor 146.955 & 443.650 for talk-in or any last minute changes.

Monthly NHARC Breakfast

Please join us for the next North Hills Amateur Radio Club breakfast! We meet every second Saturday 9 AM at Reflections Café, located at 644 Center Avenue, off Route 19, in West View. This location is directly across the street from the former West View Amusement Park. All amateurs are welcome – you do not need to be a member of NHARC!



**N3SBF seen at Breezeshooters Hamfest
Picture Courtesy of WASHRag Newsletter**

A Year Without Dayton – by Bob Bastone, WC3O

Well, I guess you could say I'm a Dayton junkie. I have been to every Hamvention for over 30 years. When leaving Hamvention, from the time the wheels of my truck hit Basore Road, I am looking forward to next year's Hamvention. After a long, cold winter in Pittsburgh you need something to keep you going. I have been a ham since 1979 and I have about anything a ham could ever want or need, sometimes three of them! I no longer go to Dayton for any real need of parts or equipment. No, I go for the entire Dayton experience. For one short weekend a year you go from a world where almost no one knows what ham radio is, to a world where EVERYONE is a ham! And hell, it's not JUST Hamvention! There's Four Days in May, the contest dinner, and just about any gathering of special hammy interest you could ever image! I just love every moment of it.

Like I said, I haven't missed a Hamvention in around 30 years, ever since I started going. Imagine my horror when I discovered that my daughter's college graduation happened to be on the SAME weekend as Dayton? My stomach did a complete 360! OH MAN. Now, I would never dream of missing my daughter's graduation, but it was a hard time in the weeks leading up to Hamvention. Turn on the radio and there is someone talking about going to Dayton. I look in the magazines and on every ad it says "See us at Dayton!" The weather got warmer and my head automatically turned to Dayton mode. I could smell it in the air! I had flash-backs of standing on the loading dock looking over Mendelson's tent. I could see myself walking up Audio Ally. Oh look, there's Bob! There's the FISTS booth on the left. Is Nancy there? At the top I make a right and swing around to the Begali booth. Hi Piero, hi Bruna! It was pure hell. I would be missing all of it!

Now don't get me wrong, it is not that I was not into my daughter's college graduation. I was just P-Oed that out of 52 weekends a year, it HAD to be on the one weekend that I cherish over any other weekend of the year. Oh well, that's the way it goes.

But, this doesn't stop there! We needed to drive from Pittsburgh up to Rhode Island. That's about an 11 hour drive. Along the way Dayton haunted me. We stopped at a rest area to use the facilities, I went to use the hand dryer and can you guess the make of the unit? Yes, it was a Dayton hand dryer! I walked out to get back to the car and looked at a car in the parking lot, the handicap license plate happened to be "01 DX". (No, it wasn't a ham car either) We drove past a Crowne Plaza. We stopped at a local hardware store in Rhode Island and they had Kenwood motor oil! I work on cars for a living and I NEVER heard of Kenwood motor oil? But there it was! Everywhere I looked some element of Hamvention was calling me!

It's all over now. Another 300 and some odd days to the largest hamfest in the world. Another 300 some odd days until I can stand on the loading dock overlooking Mendelson's tent. Another 300 some odd days until I can walk up Audio Ally. I can't wait. My friend Bob got an extra Hamvention program and had other local Pittsburgh hams sign it like a high school year book. I love it. I can look at others pictures and watch YouTube videos. Looks like the weather was great and no sewer pipes busted! (BTW that flowed right through our space last year. hihi)

The graduation went VERY well, thank you for asking. We made it safely there and back, the weather was great and I am one proud daddy. I am blessed. Despite the fact that I wasn't at Hamvention I still wanted to thank all of the MANY Hamvention volunteers. You do a fantastic job. By the way, if anyone makes plans for me next Dayton weekend they are going to land up with a black eye! The good Lord willing and the creek don't rise, I will be there in 2013. With bell on. CU there! dit dit. **Editor's Note: Article courtesy of the June WASHRag.**

Review: Dayton Hamvention 2012 – By Greg Babin, NB3C

Well, another Hamvention has come & gone. It doesn't help that this year is flying by as it is, but when it comes to Dayton, the weekend comes and goes so fast that it leaves you wondering what happened! Before you know it, you're driving home after what seems to be only a few hours out of your life.

The weather was perfect this year. Friday and Saturday were both sunny; not a cloud in the sky all day, both days. Nice & cool in the morning so you could walk the flea market without working up a sweat, and once the sun warmed things up, you could go inside and see all the dealers and vendors and marvel at all the new goodies to spend our money on.

I thought the crowd was down this year. Yeah yeah, I know I know, the economy sucks, the price of gas is too high, but how many times can we use that excuse until we get tired of missing Hamvention and finally say: "That's it. I'm going no matter what this year." It was a decent crowd, but certainly no records for attendance were broken this year.

Some dealers that are always there weren't this year. Ham Station, WBØW Electronics, Bencher/ Butternut, KJI Electronics were all no-shows. On the plus side, Kenwood showed off their new TS-990S transceiver (photo page 6), introduced at Dayton. Very nice! About the size of Yaesu's FT-5000, just a little bigger. Has a nice TFT display on it showing a spectrum scope, 'S' meter, frequency display and all kinds of other info. I understand they're gonna price it somewhere around \$6K. Yeah, that's a lot of Pesos, but if they can pull it off, they'll have a winner.

Yaesu, to my surprise, also has a new rig out, introduced at Dayton too; the FTDX-3000. This looks like a nice little rig and price- and feature-wise, it slots in front of their FT-950, but behind the FT-2000. It also has a TFT display on it, albeit a little smaller than Kenwood's TS-990S. I don't know what the selling price'll be though. I also found out that their new amp, the VL-2000 probably will not be produced. Rumor has it that Yaesu can't get the price point where they want it. Right now, its price point is around \$12,000.00 US. Way too expensive for just an amplifier.

As for the flea market, well, I saw a lot of cool boat-anchors I wish I could've given a good home to, but I have too much as it is now. Nevertheless, LOTS of old rigs; quite a few of which were VERY CLEAN. From the prices I saw, they were reasonably priced too. Lots of empty spaces though.

I think the dealers did OK. In past years, I've seen 'em 4 deep waiting to buy. Not this year though - while the arena was busy and crowded, it simply wasn't packed like you think it would be on a Saturday. So, what is the answer to Dayton's attendance? Well, I think Hara Arena holds the key. I think that unless some improvements are made to the facility, it's gonna continue to go downhill and possibly take the Hamvention with it. Did the schedule change from April to May affect attendance? I dunno, but I do remember when Hamvention was held in April, and it was PACKED. I'm talkin' 25,000-30,000 people in a weekend. Maybe it's time for a change of venue. How about Columbus or Cincinnati? I don't know how to answer this, or if there even is an answer, but I would say to move it back to April. Even though Hara Arena is kinda run down, it probably is still the best place to have Hamvention.

Continued on next page

Review: Dayton Hamvention 2012 – By Greg Babin, NB3C (cont'd.)

It was nice to see DARA hold the line on ticket prices - 20 bucks if ordered in advance, 25 bucks if purchased at the door. They certainly don't need a price increase to chase more people away.

Having said all this, I tip my hat to all the Hamvention staff/volunteers. They put on a great show again! They can't control the weather (not that they needed to this year), and they have no control over the condition of the arena, but what they do have control over, they make it all come together and the result is a great effort and a great time had by all attendees.

Your mission should you choose to accept it, is to go next year, and help bring up those attendance numbers and help make it more successful than it was this year. Plus, need I mention that it's a great weekend escape from life/reality/job/wife/kids? I think not! Hope to CU there next year! As for all those who go on the NB3C budget plan, we'll do it again in 2013! (Assuming the Mayans aren't right. HAH!)

73 de NB3C. Thanks for reading!

Editor's Note: Article courtesy of the June WASHRag. I talked to a DARA member and was told that they will continue to have Dayton Hamvention at Hara Arena for the foreseeable future. They looked at the Dayton Convention Center; however, they would not permit them to have outdoor flea market spaces. It is what it is at Hara Arena. DARA always manages to pull things together and make it happen – a tip of the hat from Ye Olde Editor to the DARA folks – always a job well done! Thanks for making it happen each and every year! Also, keep in mind that the Montgomery County, OH area is in a state of economic upheaval at the current time. I saw a lot of vacant storefronts around the area – more than last year.

Interesting You Tube Videos

Ye Olde Editor came across the following You Tube Videos, courtesy of Bob Bastone, WC3O:

<http://www.youtube.com/watch?v=XAZcuUAZzI> (Field Day 2012 Song)

http://www.youtube.com/watch?v=vBGldf0VjQ4&feature=player_embedded (Radio Hams 1939)

<http://www.youtube.com/watch?feature=endscreen&NR=1&v=5CVnzNNSsdU> (The World of Amateur Radio – circa 1971)

<http://www.youtube.com/watch?v=mqidiBDa9bc> (1973 Field Day South Hills Brasspounders)

ENJOY!

SCARC in the News

On Tuesday, June 19, before the club business meeting, the club was graced by Marcus Schwarz, and his photographer, Michael Henninger, from the *Pittsburgh Post-Gazette*. We had a story pursuant to the press release I sent to the PG. It appeared in the Friday, June 22nd edition. The link to the story: <http://www.post-gazette.com/stories/local/neighborhoods-west/hams-make-friends-all-over-the-world-641434/>.

FEMA Course Announcement

From Larry, AB3ER:

COMMUNICATIONS TRAINING OPPORTUNITIES ANNOUNCEMENT

The Pennsylvania Emergency Management Agency (PEMA), through the Auxiliary Communications Services (ACS) program will be hosting the following communications training opportunities.

Please read the prerequisites for requesting to attend either of the courses!!!

Both courses are being provided by the Department of Homeland Security/Office of Emergency Communications Technical Assistance (TA) Program.

SPCL-AUXCOMM – Auxiliary
Communications Workshop

Date: August 11-12, 2012

Location: PEMA Headquarters, Harrisburg, PA

Lodging: Lodging will be provided for the nights of August 10th and 11th for attendees who live greater than 50 miles from the training site.

Meals: Working lunches will be provided on each day of training, all other meals will be the responsibility of the attendee.

Prerequisites: All attendees must provide proof they have successfully completed the following:

- ICS -100 Introduction to ICS
- ICS-200 Basic ICS
- ICS-700 Introduction to the National Incident Management System (NIMS)
- ICS-800 Introduction to the National Response Framework (NRF)

· All attendees must also have an Amateur Radio General Class licenses (or higher)

Max. Number of Attendees: 30

Deadline for registration: August 3, 2012

CONTINUED ON THE NEXT PAGE

FEMA Course Announcement – CONT'D.

Course Description: This workshop is designed for the amateur radio/auxiliary communications community or group who provides emergency communications backup support for planned or unplanned events at a State/Territory, Tribal, regional, or local level. This workshop is designed for amateur radio operators/organizations and coordination/support personnel with an amateur radio background.

This full 10 hour workshop focuses on educating attendees about auxiliary communications interoperability, emergency operations center etiquette, on-the-air etiquette, FCC rules and regulations, auxiliary communications training and planning, certification and accreditation and emergency communications deployment. It is intended to supplement and standardize an operator's basic knowledge of emergency amateur radio communications in a public safety context.

TRG-COMT – All Hazards Communications Unit Technician Course

Date: August 13-17, 2012

Location: State Fire Academy, Lewistown, PA

Lodging: Lodging will be provided for the nights of August 12th and 16th for attendees who live greater than 50 miles from the training site.

Meals: Working lunches will be provided on each day of training, all other meals will be the responsibility of the attendee.

Prerequisites: All attendees must provide proof they have successfully completed the following:

- ICS -100 Introduction to ICS
- ICS-200 Basic ICS
- ICS-700 Introduction to the National Incident Management System (NIMS)
- ICS-800 Introduction to the National Response Framework (NRF)

Due to this being the only planned offering for this course at this time and the limited seating available anyone requesting to attend this course MUST:

- o Include a justification for how their completion of the COMT course will DIRECTLY support and benefit the agency or organization they represent and;
- o Include a recommendation from their agency/organization leadership (this may be by letter or email).

Max. Number of Attendees: 15

CONTINUED ON NEXT PAGE

FEMA Course Announcement – CONT'D.

Seating Allocation:

- ACS volunteers – 7 total, 1 – PEMA ACS, 6 - 2 from each of the PEMA Areas (Central, Eastern, Western) representing county ACS or other programs.
- State Agency/Regional

Task Forces/Counties Staff – 7 total

Deadline for registration: July 20, 2012. After this date seats will be filled on a first come first served basis (based on date request was received).

Course Description: This is the ICS position specific training for the COMT position. The COMT Course provides DHS approved NIMS-compliant COMT instruction to ensure that every State/Territory has trained personnel capable of providing on-scene emergency communications during a multi-jurisdictional response or planned event. This is a 5-day workshop, taught by certified and experienced COMT instructors. The course includes facilitated lecture, student exercises and hands-on lab work. The course is designed for emergency response and support personnel in all disciplines with a communications background. This course is intended for those who have a technical aptitude but who do not have a strong technical experience. Hands-on labs include working with portable repeaters, portable gateways, radio caches and possibly satellite equipment and mobile communications vehicles.

Additional Information: Selected attendees will be request to attempt to bring communications resources with them to the course use during hands-on training. Resources could include: mobile communications vehicle, interoperability devices (ICS-1000), radio caches, portable repeaters, etc. Those requesting to attend this course should check with their agency/organization regarding what resources they may be authorized to bring to the course. This information is not needed at the time of request for registration but will be followed up on closer to the course dates.

Send registration info (Name, address, phone, email, agency/organization affiliation, pre-requisite documents) to Chris Snyder at the address below.

For more information or questions contact:

Christopher E. Snyder | Emergency Management Specialist

Commonwealth ACS Coordinator | NG3F |

Bureau of Planning and Preparedness | Tactical Support Division

Pennsylvania Emergency Management Agency

2605 Interstate Drive | Harrisburg | PA 17110

Phone: 717.346.3103 | Fax: 717.651.2240

Email: chrsnyder@pa.gov

www.PEMA.state.pa.us



In The Public Interest

**Photo Courtesy of Joe, W3BC (The Parasitic Emission)
June, 2012 Issue**

On The Air

by Joe Shupienis W3BC

REACHING 'THE half-way point of our "Year of Service," means that it's time to take our bearings and see if any mid-course corrections are needed. At first glance, it looks like things are on track. There is a large and obvious increase in public service activities all throughout the footprint of this publication.

We have also been seeing a significant increase in hams-helping-hams activities and elmering. Licensing classes and VE exams are once again being scheduled. This is vital, because it builds friendships and goodwill, and plays a major part in increasing the number of active, on-the-air hams.

Clubs working together in support of each others' activities is the third picture in our *trptych*. Building bonds of friendship and cooperation between two groups can only work to the advantage of both groups. Like the old chewing gum ads, we can "double our pleasure and double our fun" by working—and playing—together!

I would like to think that this publication has had some small part in this renewed vigor in local Amateur Radio activities. It's been a labor of love for me, and the twenty-plus people who have contributed the lion's share of the content over the past three years.

It is rewarding to see the continuing inflow of contributions each month that make this possible! Thank you to all our contributors!

SO, THINGS ARE looking pretty good for Amateur Radio in our remote part of the Western Pennsylvania Section. But is there more?

Yes, there is more work ahead of us. There's more fun ahead, too, if we choose to make our activities enjoyable.

A case in point is the recent decision by several clubs to join forces with neighboring clubs to make a bigger and hopefully better Field Day effort. With proper planning, the results can be very good. It's important at the outset to make sure members in both clubs understand what their part in the activities will



be. Planners in both groups need to work from a checklist to ensure equal distribution of the workload, and to make sure the desires of all the participants are heard and accommodated to the extent possible.

Much can be learned about cooperation, and working together toward a common goal. This will in turn prepare us all to better serve the public. When there is a communications emergency, qualified, credentialed hams from far away will likely be involved. It is vital that all the participants know and follow all the standardized protocols and procedures. Learning those procedures is accomplished beforehand in training courses such as the ARRL EC-001 Level 1 course, and FEMA NIMS courses, notably IS-100, IS-200 and IS-700.

Successful completion of these courses, will provide credentialing. Regular practice of nationally standardized procedures will qualify us to cooperate successfully with other qualified groups from other areas. In a real emergency, it will make the difference between being asked to serve the public or being asked to get out of the way.

I'll see you...*On The Air!*

2

*Time to take
our bearings
and make
any needed
mid-course
corrections*

**The Parasitic
Emission**

June
2012

Courtesy of Joe, W3BC (The Parasitic Emission)
June, 2012 Issue

NORTH HILLS AMATEUR RADIO CLUB 27TH Anniversary Hamfest



Saturday July 7, 2012
8AM until 1PM



Parkwood United Presbyterian Church
4289 Mt. Royal Blvd. Allison Park, PA

Talk-in on 147.09 W3EXW
North Hills Club Repeater

NEW DAY SATURDAY! NEW LOCATION!

\$5.00 Admission - Free Parking

Tailgating \$5 each space

Inside tables \$5.00 each

Both Indoor and Outdoor Spaces are Available

Feature Vendor: **KJI ELECTRONICS**

Main Prizes

All prizes subject to availability

- 1st Prize: Icom IC-7410
- 2nd Prize: Yaesu FT-8900R
- 3rd Prize: MFJ-266 Analyzer
- 4th Prize: MFJ-993 BRT Tuner

Directions: From points north or from the Turnpike use the Butler Valley exit #39. Take Route 8 south to Mt. Royal Blvd. The hamfest will be about one mile on the right side of the road.

From Pittsburgh, take Route 8 north to the Mt. Royal intersection. Turn left onto Mt. Royal.

Hamfest Chairmen: Cathy Heiles KB3OYS, 412-486-2785, e-mail: hamfest@nharc.org

Additional information: www.nharc.org

A Real Old Fashioned Hamfest!

Handicapped Accessible

No Firearm Sales Permitted

Advance Ticket Sales -- Deadline is July 1, 2012

Please send a self-addressed, stamped envelope with this coupon and your check made payable to the **North Hills Amateur Radio Club** to:

Cathy Helles KB3OYS
134 Easley Rd.
Pittsburgh, PA 15237

I have enclosed \$ _____ for _____ main prize tickets for the July 7, 2012 NHARC Hamfest.

Name: _____

Call: _____ Phone: (____) _____

Address: _____

City: _____ State: _____ Zip Code: _____

\$2.00 each, 3 for \$5.00, 7 for \$10.00, and 15 for \$20.00

North Hills Amateur Radio Club
4736 Penn Ave
Pittsburgh, PA 15224



Somerset County PA Hamfest

Presented by the Somerset County Amateur Radio Club
 P.O. Box 1241
 Somerset, PA 15501

Talk-In on K3SMT Repeaters

147.195+ pl 123 and 443.250+ pl 123

All-You-Can-Eat pancake & egg Breakfast for \$6.00 served from 8 to 10am,
 while supply lasts, children under 13, \$3.00
 followed by lunch items featuring Blackburn & Russell products



ARRL
 Sanctioned

**NEW DATE
 SAME PLACE**

Sunday, July 8th, 2012 – 8:00 a.m. to 1:00 p.m.

Free Parking

Where: Somerset County Technology Center
 281 Technology Drive, Somerset, PA 15501

Grounds Open at 6:00 am for vendors and tailgaters.

Entrance Fee: **Adults \$5.00, children under 13 FREE**

Indoor Tables: Pre-Registration Required

Outside Tailgating: **FREE**

Free Coffee

Open at 8:00 am
 VE Testing at 10:00 am
 Fee: \$15.00

GPS Coordinates
 40° 00' 17" N
 79° 01' 48" W

Main Prizes supplied by KJI Electronics

First Prize: TM-710A Dual Band APRS/ITNC

Second Prize: IC-2200H 2m FM Transceiver 65w

Third Prize: KG-UVD1P Dual Band HT

Fourth Prize: KG-UVD1P Dual Band HT

Prize Tickets: \$2/ea, 3/\$5, 7/\$10, or 15/\$20

PLUS Black Box Mystery Prize — 50 Tickets @ \$5.00 each



Created By Amy



**Plus Fldigi demo by
 W3YJ Harry**



No-Cost Pre-Registration
REQUIRED for indoor space
 contact Stew, AK3J at
 ak3j@arrl.net or 814-444-0637
 for flyer updates visit
 www.k3smt.org

**Directions from PA
 Turnpike Exit 110**

Go straight off
 ramp and turn left
 at 4th stoplight onto
 Route 31 East

Go 2.0 miles and
 turn left onto
 Technology Drive.

The Hamfest will be
 on your right
 behind the building



For more local events and attractions see: www.laurelhighlands.org

for Hamfest updates www.k3smt.org and
www.arrl.org/hamfests/somerset-county-arc-hamfest



SWAP n SHOP 2012

SUNDAY AUGUST 26

2335 TURKEY RIDGE RD. UPPER BURRELL TWP.

TIME: 8 AM-1 PM

Prizes Prizes Prizes Prizes Prizes

 <p>MFJ 259 B Antenna Analyzer</p>		 <p>Begali "Sculpture KEY" Signed by Piero and Bruna Begali</p>	
<p>DX Engineering CABLE PREP KIT Shop Skyview Table</p>		<p>Door Prizes Every Hour-</p> 	 <p>Breakfast Skyview Burger Dipole Dog</p>
<p>\$3.00 Entrance ---\$5.00 / FLEA MARKET SPACE</p>			

BUY - SELL - TRADE



ARRL WPA SECTION CONVENTION WPA ARES MEETING

ARRL HQ Speakers

DIRECTIONS TO SKYVIEW RADIO SOCIETY

TALK-IN: 146.640 - pl 131.8
GPS=40° 31' 03" N / 79° 40' 37" W



Follow the Skyview Signs

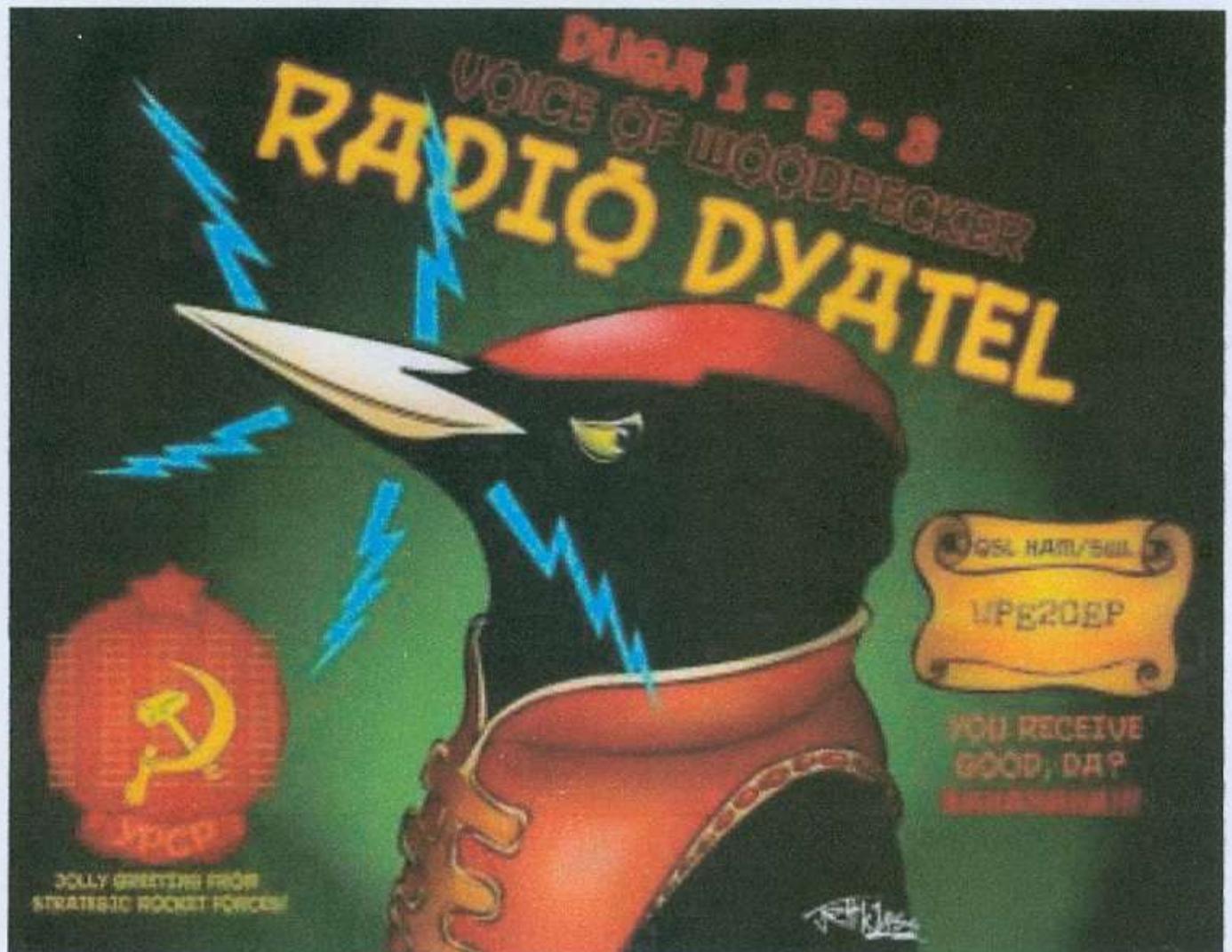
From PA 380 PA 366 Cloverleaf – Take Rt 366 West toward New Kensington for 1 mile to **WHITTEN HOLLOW ROAD** on right. Take Whiten Hollow to right turn onto Turkey Ridge at stop sign. Follow ¼ mile to Skyview.
FROM NEW KENSINGTON – Take Rt 366 East 8.5 mi. to **WHITTEN HOLLOW ROAD** on left. Take Whiten Hollow to right turn onto Turkey Ridge at stop sign. Follow ¾ mile to Skyview.

Questions and Vendor Pre- registration: AB3ER@ARRL.NET

WWW.SKYVIEWRADIO.NET

501 (c)(3) corporation

VENDORS



Remember the USSR Over-The-Horizon HF Radar more commonly known as "The Woodpecker"? They never issued a QSL card, but Jeff "Dash Toons" K1NSS imagined that if they ever did, it might look something like this...

Courtesy of & ©Copyright 2012 Jeff Murray K1NSS



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The Steel City Amateur Radio Club is a not-for-profit organization as defined under IRS Rules and Regulations Section 501 (c)(3).

Editor: Bob Mente, NU3Q – (412) 279-9016 – nu3q@nu3q.us. All newsletter contributions welcome.

Kilowatt Harmonics is published monthly for the members of the Steel City Amateur Radio Club. Reprints/quotes permitted provided credit is given to the original author and the Steel City Amateur Radio Club. The opinions expressed are not necessarily those of the club, its members and officers.

The Steel City Amateur Radio Club (412) 787-0777
2M Repeater: 147.030/147.630MHz (123.0 hertz PL tone)
70cm Repeater: 444.450/449.450MHz (103.5 hertz PL tone)

Club Officers

President, Art Mueller, WA3BKD

Vice-President: Richie Danko, N3SBF

Treasurer: Walt Atkins, KA3YNO

Recording Secretary: Joe Mielnicki, WA3FWA

Corresponding Secretary: Sue Rackiecz, KA3JKS

License Trustee: Karl Pastorak, WA3XVJ



“Good Night, Good Luck and Good News Tomorrow”