

**All the (Amateur) news
that's fit to print**

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to read it.)**

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**HAMVENTION WRAP-UP INSIDE. ALSO,
DON'T FORGET ABOUT THE NEXT BUSINESS
MEETING: JUNE 17TH, 8PM AT THE
CLUBHOUSE. CU THERE!**



KiloWatt Harmonics

Check us out on the web: www.w3kwh.com

June 2008

Dayton Hamvention 2008: 3 Of The Fastest Days Of Your Life

At least that's what it feels like. The anticipation builds for a month or so, then POOF: before you know it, Hamvention has come and gone. Ye Olde Editor was lucky enough to get his days off rearranged for the weekend off, a room became available at the last minute, so I jumped in the car and drove the 4 1/2 hours to the grand-daddy of all hamfests, the Dayton Hamvention. I'd say the hamfest went pretty well; I pegged the crowd at about 20000 or so, around the same as last year, and the weather was pretty cooperative too. Just a little drizzle on Friday; a little cooler than normal, but still a good weekend for the hamfest.

More pictures and random thoughts are inside, so check it out.



The FlexRadio SDR (software defined radio) displays had a big crowd around them at all times. Looks like a pretty impressive piece of hardware. Another new facet of the hobby to explore and have fun with.

<<<<<<<<<<<<<

Absent for quite a few years, it was nice to see the classic Collins van back at Dayton.

> > > > > > > >



DX News & Views

Courtesy Of The ARRL DX Bulletin

- ♦ **UGANDA, 5X.** Franz, DC7NF is QRV as 5X7FN until the end of June. Activity is mainly on 40 and 20 meters using SSB and generally around 1700 to 2100z. QSL to home call.
- ♦ **OMAN, A4.** Alex, A45WD has been active on 30 meters using CW and PSK31 at various times throughout the day. QSL via YO9HP.
- ♦ **CHINA, BY.** Look for special event stations BT1OB, BT1OJ, BT1OH, BT1OY and BT1ON to be QRV from May 18 to September 17 in celebration of the 2008

Beijing Olympic Games. The last letter of each call-sign corresponds to the color in Chinese of each of the rings of the Olympic flag. QSL via BA4EG.

- ♦ **MOZAMBIQUE, C9.** Rodrigo, C91R is QRV until August 1. QSL via CT1BXT.
- ♦ **MONGOLIA, JT.** Nicola, I0SNY is QRV as JT1SNY/8 and has been active on 20 meters using PSK31 at various times. QSL to home call.
- ♦ **CHAD, TT.** Duarte, CT1CPP is QRV as TT9/homecall for about one year. Activity is on the HF bands. QSL to home call.
- ♦ **EAST MALAYSIA, 9M6.** Lee, DS4NMJ is QRV as 9M6/KE5CNK from Kota Kinabalu, IOTA OC-088, for three months while on a short business trip. Activity is on 80 to 10

meters during his spare time. QSL to home call.

- ♦ **OPERATION APPROVED FOR DXCC CREDIT.** The following operation is approved for DXCC credit: Cocos Island, TI9KK, 2008 operation.
- ♦ **JAN MAYEN, JX.** Svein, LA9JKA is QRV as JX9JKA and is here until October 8. He has been active on 17 meters around 1240 to 1400z and 15 meters from 1215 to 1230z. QSL to home call.
- ♦ **BANGLADESH, S2.** Tutul, S21RC has been active on 20 meters using SSB between 1500 and 1700z. QSL direct.
- ♦ **TURKEY, TA.** Special event station TC17GS will be QRV from June 1 to 15 to mark the 17th Turkish Soccer Championship of the Galatasaray. QSL direct via TA0U. In addition, special event station TC40TRT will be QRV May 31 to celebrate the 40th anniversary of the Turkish Radio TRT. Activity will be on 40, 20 and 17 meters. QSL via TA1HZ.
- ♦ **TIMOR-LESTE, 4W.** A group of operators will be QRV as 4W6R from June 10 to 24. Activity will be on 160 to 6 meters using CW, SSB and RTTY. QSL via EA4URE.
- ♦ **DEMOCRATIC REPUBLIC OF CONGO, 9Q.** Phil, 9Q1TB is QRV from Kinshasa. He is generally active on 20 meters between 0530 and 0630z. QSL via SM5DJZ.
- ♦ **MAYOTTE, FH.** Georg, DK7LX will be QRV as FH/DK7LX from June 11 to 23. Activity will be holiday style on the HF bands using mainly CW. QSL to his home call.
- ♦ **CHINA, BY.** Jack, WB8FSV will be QRV as WB8FSV/BA4IT from Qingdao from June 10 to 30 during his spare time. QSL to home call.
- ♦ **ICELAND, TF.** Ric, DL2VFR will be QRV as TF1/TF5/TF6/homecall from June 10 to 19. In addition, he also plans to be QRV as TF5/DL2VFR from Hrisey Island, IOTA EU-168. QSL to home call.

KiloWatt Harmonics,
June 2008

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Amateur Radio Club

Edited by Greg Babin,
KQ3DX

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Yaesu had lots of goodies on display. This is their top-of-the-line FT-9000. If you've got 10 grand in cash laying around this is a good way to dispose of it quickly.

<<<<<<<<<<<<<<

ICOM had some new toys on display, so did Yaesu, but the Kenwood display was kinda sparse. Nothing new from them. I hope this isn't an indication of what the new ownership's plans are for them. This is a picture of the ICOM IC-7700. >>>>>>>>

I asked a lady manning the prize booth and she said they expected around 20000 people this year to attend. Personally, I think they made it. I guess I'm in the minority though. Everybody else says the crowd was down from last year.



A picture of the main arena on Saturday while I was resting my feet. On Friday morning, it was wall-to-wall people.

<<<<<<<<<<<<<<<<

You know what I didn't see this year? That guy in the flea-market that always walks around with the hard-hat on with the model of a tower and antenna made out of brass rods complete with flashing LEDs on it!! I wonder if he made it this year. (more on page 7)

Business Meeting Minutes: May 2008

The meeting was called to order by the President WA3TTS, Mike at 8 PM. The Pledge of Allegiance was recited, followed by a Moment of Silence for our Silent Keys. 29 members and 3 visitors answered the roll call. Minutes of the April meeting was accepted as published in the May newsletter. Treasurer's Report was given by the Treasurer KA3YNO, Walt and accepted by the membership which also agreed to send a donation to the Collier Township Volunteer Fire Company for their fund raising drive.

Committee Reports

Clubhouse WA3VXJ, Karl reported that he had cut the grass and that WB3HDI, Bob trimmed more of the brush lining the club road. Neighbor Rick smoothed the hump at the top of the road and he will fill in the ditches along the newly paved road section with cCOARSE gravel. Karl will attempt to have the large shrub at the bottom of the road trimmed or removed as it blocks the view of oncoming traffic and is a safety hazard. The ATV repeater cable needs to be fixed. Karl, Bob and Bob Jr. are preparing the post meeting goodies.

Technical Mike reported that the TS-950's VCO will fail on the 160 and 80 meter bands but work on the upper bands; it needs fixed. He gave a detailed description of how the UNUN functions to match impedances on antenna feedlines and showed examples of his homebrewed examples.

Ways and Means WA3FWA, Joe will have the 50/50 raffle after the meeting which will include 3 tickets for the Breeze Shooters Hamfest but will not have the scheduled auction of the silent key's equipment due to time limitations for this meeting.

Contests Give some thought to the VHF contest and Field Day occurring in June. The small generators need maintenance.

Public Service KA3MSE, Lloyd introduced N3MSE, John Rodgers, the Section Manager for Western PA of the Atlantic Division of the ARRL. John gave a detailed description of the many public service emergency organizations operating within amateur radio. He suggested that one should contact the Emergency Coordinator of their county if one wishes to serve in some capacity within an emergency organization. He stressed that ham radio is available for communications when all other forms are either not available or not functioning as in disaster conditions. Check with Lloyd or KA3JKS, Sue for contacts in the Public Service field.

Web Site W3WTW, Tim declared that every thing that he works with is functioning as it should.

Old Business N3EQP, John has more new books for the library, some of which were donated from the estate of William Johnson.

New Business KB3NUQ, Bob will participate in a special event station next October in Mt. Lebanon. W3SVJ, Nate said that the next VE session would be held on June 16 at the clubhouse.

Good of the Order A meeting for the Pittsburgh 250 Special Event operation will be held this Saturday at the clubhouse. The Carnegie Post Office, where we have our mailbox, will be moving up the same street, one block on the opposite side.

Motion to Adjourn by WA3BKD, Art.

50/50 raffle won by WA8NLX, Rick and KA3LNG, Kurt won 2 of the 3 Breeze Shooters tickets.

Minutes submitted by Recording Secretary WA3FWA, Joe.



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The ARRL WPA Section Page

I recently had the opportunity to talk with many of you at the Two Rivers hamfest in April. As always I enjoyed meeting many of the members and I want to thank the Two Rivers club for their hospitality as well. Personally I am enjoying seeing and talking to the members that stop by the league table at the hamfests and I hope that many of you will stop and say hello at the Breezeshooters hamfest as well.

Another of the enjoyable aspects of the Section Managers position is visiting the various clubs and talking to the members about what we are doing in the section as well as in the Atlantic Division. I recently visited Skyview ARC and also The Wireless Association of South Hills to talk to their members. Thanks to both clubs for their hospitality and great interaction with questions and comments. I will be visiting the folks at Steel City ARC on Thursday May 22 and look forward to seeing everyone there as well.

I am finalizing my itinerary for field day travel so if your club is interested in having me stop by for a visit let me know as soon as possible.

I am looking forward to field day this year as being Section Manager. It gives me the opportunity to see many different setups and this year I also plan on operating HF mobile as I travel between the various sites. Field day is many different things to different people but one thing it seems to be to everyone is 24 plus hours of fun and enjoyment. Field day gives us a chance to share stories and operate the radio with old friends and new. We all have our favorite field day stories and if anyone would like to share either stories or photos from field day events forward them to me and I will post them on the section web page for all to enjoy.

Any clubs that are planning operating events or other special activities are welcome to forward the information to be included in my monthly section news and posted on the web page. Photos of events are also welcomed and will be used as space permits. Stories of activities of the different clubs can be used to promote ideas for programs that could help generate activities for the other clubs within our section.

The Atlantic division is currently conducting a survey for members about the recent Kosovo Expedition and I encourage all to participate so Director Edgar can report your views at the next board meeting. The division is also conducting two additional webinar programs in the near future. The first will be on March 24 with ARRL's Media and Public Relations Manager, Allen Pitts W1AGP, who will present information about the ARRL's new public relations program for 2008. The next one will be on June 14 with ARRL's Regulatory Manager, Dan Henderson N1ND, who will present information about the
(continued on page 8)

Planning For The Future

From Nate, W3SVJ comes some sound advice about planning for the future:

Dear friends;

This brief e-mail was sent to the QCWA reflector. It is NOT a new subject and I could have almost written it word for word from my unfortunate experiences over the years. I think Ken was somewhat optimistic in suggesting that 75% of the equipment could be disposed of in three months or so. He apparently was successful. My efforts didn't even come close! It often was closer to a year and we still had equipment that didn't sell.

However, he was dealing with a situation where the "brother ham" had prepared for such an event and things did indeed go smoothly. In most of my experiences, things were not as well planned and the results didn't go nearly as well or in a timely fashion as they did for Ken and the family he was helping. The advice that Ken shares with us is right on target. I've seen too many tears fall when trying to "interrogate" family members as to where manuals, receipts etc might be. Suggesting to a surviving spouse that her dear departed husband's prize radio will probably NOT fetch the 2 gs that he paid for it 20 years ago is tantamount to a slap in the face! It's just NOT a good situation. Get things in order folks. Assign a couple of "willing" people to undertake the project. Be realistic in assigning values to your gear. Your emotional attachment to the 20-year-old "FERNDABERGE 300" has nothing to do with the real market value. Don't set your family up for a disappointment. What to do with the funds received from the sale of your treasures? That's a haunting question. The last few that I was involved with were not concerned with any monetary gains. They just wanted the equipment to find a good home and the donor to be remembered and carry on the tradition. That of course is your choice. There are certainly many good ham radio charities; the various scholarship funds probably are the ideal place. But, of course, your family comes first.

The long and the short of it is that you do something now. Don't let the burden fall on your loved ones when they are in the most distress. Sort it out, plan it out, and make a most trying time just a little easier.

Hoping that we all make it to a healthy 120, 73 de W3SVJ.

"I would like to relate something that happened recently that pertains to QCWA, and give you all something to think about.

Recently, I was contacted about helping to dispose of a Silent Key's ham equipment. I have done this maybe 10 or 12 times before, so did not think much about it. But this time it was somewhat different -- in a good way.

First, the silent key had specifically listed in his will that his ham equipment was to be sold, and the proceeds were to go to the QCWA Scholarship Fund. Even though there is over a half million dollars endowment in the QCWA Scholarship Fund, it can always use more, so this is a good thing. Adding it as a part of ones will means that it will get done for sure. It is something that all of us might want to think about doing.

Second, this silent key was extremely organized. His equipment was in good shape, but equally important, he had all of the manuals for everything. In addition, he had kept most of the original boxes in the attic, and his daughter knew where everything was located. This was a tremendous help.

I told the widow and daughter that, based on past experience, it would likely take about 3 months to sell 75 or 80% of the equipment, and another year or more for the remaining items. I was wrong, and I am glad that I was. Because everything functioned like it should, and the manuals and boxes were available, it cut the time considerably it took me to check everything out to see that it was working properly. I have been able to sell about 95% of the equipment in less than one month. The remaining portion is small parts like we all accumulate, and together probably will not net more than \$25, if that.

So the bottom line is that a bit of pre-planning does pay off -- something we can all think about.

Thanks & 73, Ken, W8EK



THIS IS THE 'I RAN OUT OF ROOM AND DECIDED TO STICK IT HERE'
DEPARTMENT: CONGRATULATIONS GOES OUT TO THE NORTH HILLS
AMATEUR RADIO CLUB ON THEIR 50TH ANNIVERSARY AS AN
ARRL-AFFILIATED CLUB!! KUDOS FROM THE STEEL CITY GANG TO YOU!!

More Hamvention Stuff (from page 3)



Seen in the flea market: The ultimate Boat-Ancor, complete with wheels. I believe this is a WWII-vintage communications truck, completely restored, with all the radios in working condition. This would come in handy on Field Day. Or in a real emergency too. Simply drive up to the site, flip the back doors open, and you're on the air.



From the other side of WWII, comes these authentic German & Russian Enigma code machines. I've seen these in years past at Dayton. I finally figured out why. I always thought these were just display units, but they are indeed for sale. When I saw the price, I knew why they were always there. This person had 3 or 4 of these on display, and the price on each was anywhere from 25 to 55 THOUSAND DOLLARS!! That's right, I did not misprint it. I'll report to you next year on whether or not they were sold. Definitely priced for the serious collector of WWII or antique radio memorabilia. Me personally, if I had 55 grand burning a hole in my pocket, I'd buy me one of those fancy Yaesu FT-9000 rigs like on [page 3](#). (more on pg 9)

WPA Section News (con't)

ARRL's regulatory program and what he's been working on. To register for either of these please go to the following website and register for the webinar. The website is <http://www.atldiv.org/training.htm>

Finally please join the Western Pa. Phone and Traffic net every evening at 6 PM local time on 3.983 KHz. This group will also be gathering at the Breezeshooters hamfest for a discussion on traffic handling so check the schedule at the hamfest. Don't forget about sending your field day message to me for the extra points. The net will accept the traffic for me to pick up on Sunday at the end of field day.

That is it for this month and I look forward to talking with you on the air and at the hamfests.

73, John, N3MSE (continued on page 21)

The June Birthday Bunch

Happy Birthday to all of our club members celebrating birthdays this month:

Kurt, KA3LNG 3rd

Tom, N3EQF 3rd

Bill, K3VSL 4th

Andy, W3LZA 21st



Credits/Thanks

Thanks to all my contributors for this month:

WA3TTS, WB3CRC, W3SVJ, N3SAF, AA3TK, WA3FWA,
WB3HDI, ARRL, N3MSE, N3DOK, KA3LNG, N3EQF,
KB3NUQ & KOBUD

Thanks very much for your contributions. They make the newsletter much more interesting to read, not to mention making my job a whole lot easier.

CU next month with more news/features/articles/
pictures/minutiae from the world of Amateur
Radio. 73 de KQ3DX et al.



Local News

◆ KB3NUQ SPECIAL EVENT STATION

I am in the process of setting up the logistics for my special event station which will run the first weekend in October. I will operate from the upper end of Mt. Lebanon Park under Field Day 1E conditions during the fund raiser (Art in the Park) for my Rotary Club. I am also working on getting the folks from ROAR (Rotarians of Amateur Radio) involved as well <http://roar.mainlink.net.au/>. My station will operate under the guise of Rotary itself and will have absolutely nothing to do with the fundraiser itself so I am kosher with Part 97. ROAR will be operating a special event station next month – see the website. **UPDATE:** I have received permission from the ARRL for my special event station, K3R. It will be a public demonstration of amateur radio in Mt. Lebanon Park, across from the Mt. Lebanon High School stadium, on Saturday and Sunday 10/4 and 10/5 from 10AM to 5PM.

◆ SOME IMPORTANT DATES TO REMEMBER

June 21: ARRL Kids Day
<http://www.arrl.org/FandES/kd-rules.html>

June 26: Amateur Radio Exams: Allegheny County
Emergency Operations Center
400 North Lexington Street-Second Floor/Class Room 1A,
Pittsburgh PA 15208
Time: 7 PM to 9 PM Email: ka3tdq@verizon.net

June 28-29: ARRL Field Day

July 13: 23rd Annual North Hills Amateur Radio Club
Hamfest, Northland Public Library, 300 Cumberland Road
Pittsburgh, PA. Phone: 412-487-9254
Talk-In: 147.09 (PL 88.5)
More Info: <http://www.nharc.org>
Email: n3rqd@earthlink.net

July 19-20: Pittsburgh Vintage Grand Prix Auto Race

July 20: Western Pa Repeater Council Meeting-1:30PM
Tentative: State College Pa. Web: <http://www.wprc.us>

July 20: Somerset county ARC Hamfest. Somerset County
Vo-Tech School-Somerset, PA-Talkin:147.195 Repeater
More Info: email: ak3j@arrl.net
web: <http://www.k3smt.org>

July 26: South West PA Packet Group Meeting-10 AM-Blue
Flame Restaurant, Route 51 South-Pleasant Hills, PA. Time:
10 AM-Blue Flame Restaurant-PA Route 51-Large, PA (Near
Southland Shopping Center)
More Info: 412-384-8012
Web: <http://swppg.zelie.com>
Email: geno570@verizon.net



More Hamvention Stuff (from page 7)

One of the things I did see a lot of at Dayton this year was young people!! Lots of kids and young adults there. I hope this is a sign of good things to come for the hobby. New people, new technology, things are looking good. I also understand that the issuance of new licenses is on the rise too. Let's keep the momentum going!!



In the picture above is Yaesu's new FT-450 transceiver. That rig in the picture to the left is the Yaesu FT-2000, another relatively new offering from Yaesu.

I thought the Yaesu booth was in stark contrast to the Kenwood booth. Not much there at Kenwood that was exciting. We'll see if they start cranking out some new gear soon, I hope. I don't even think Kenwood was giving away free stuff this year.

To the right is a picture of the Hilberling PT-8000. Unfortunately, my picture does not do it justice. This is an absolutely awesome rig. That is the power supply for it to the right of the rig. I don't know if these are for sale yet.

>>>>>>>>>>>>>>

From what I saw, the traffic nightmares predicted never materialized. I stayed in a room south of the city and had no problems getting around. I assume all the construction was north of downtown Dayton. I breezed in and out with no problems. (more on page 10)



More Hamvention (from page 9)



The D-STAR Forum was standing room only, as was the FCC Forum. Riley Hollingsworth was there and he brought his usual dry wit with him. I understand he is now retiring in July. Too bad for us, but I hope he enjoys his well-earned retirement.

This is the D-STAR Forum on Friday.

←←←←←←←←←←

Quite a few of our club members made the trek also, including KA3LNG, NU3S, WB3CRC, W3SVJ, N3EQP, N3DXE, WA3TTS, AA3TK et al, and of course, Ye Olde Editor.

If you've never been to Dayton before, I highly recommend the trip. There is so much to see and do, you'll probably OD on all the new AND old stuff for sale, not to mention all the numerous forums you can attend on anything pertaining to Amateur Radio.



Lots of new amps abounded at Dayton. Here's a sampling of the wares offered by Alpha and Emtron. That's the Alpha 8410 to the left and the Emtron DX-1D and DX-2 in the picture above.

For some reason, I just couldn't motivate my self to go this year. Got home from work, took a nap, and when I woke up I said to myself 'Self, you've got a room that's paid for, so you might as well go. So I packed up a few nights of clothes real quick, jumped in the car and went. I'm glad I did. I'm never disappointed with what I see at Dayton. (more on page 11)

More Hamvention (con't)



For you Collins collectors, here's a reproduction of a CW transmitter and Amplifier from the 1930's. Seen in the flea Market. I don't know if they worked or were just for show.



Above: Lots and lots of just plain JUNK to rummage through.

To the left: Icom's impressive HF antenna on a crank-up tower in the flea market. This would look right at home in my back yard.

[\(more on page 14\)](#)

Hamvention Soapbox

Those of you who stayed away due to the price of gas, you missed out on a nice weekend...A little cool, but still another good hamvention..... KQ3DX.....I enjoyed the Dayton Hamfest again this year, BUT, thought the crowds were much thinner than other years and there were a lot of empty booth spaces inside and much less outside in the flea market. Unfortunately, it is the sign of the times and the Dayton Hamfest will diminish to a small arena somewhere else besides the large arena in Dayton and continue for a few more years somewhat like a local Hamfest. With Craig's List and Ebay being used so heavily and gas prices that will no doubtedly stay much too high, "the writing is in the sky".....WB3CRC... My goal was to buy equipment for APRS (also Echolink) because I am hearing impaired. I have found that APRS can be used like text messaging on phones and therefore relevant to me. I purchased the Geostat 5 GPS and Kenwood D710 mobile dual band rig because they are made to be compatible to each other. I have used it and was pleased with their capabilities. The equipment was priced below catalogue prices... AA3TK..

Pictures on this page from the top:

The Alpha 9500 linear amplifier. This would look real pretty sitting next to the Yeasu FT-9000 on [page 3](#). Micro-processor controlled, all you need do is push a button and you're ready to go.

Middle: Yaesu's New FT-950, with the Data Management Unit and Display.

Bottom: More boatanchors in the flea market. A pair of Drakes and a Collins unit in this case. ([more on page 15](#))



Shack Of The Month: N3SAF

Welcome to the shack of N3SAF. Tickets will be collected at the door. When the kids finally moved out, I laid claim to a 12x12 room.. Enough for almost everything. Starting clockwise (that is top left for those from Imperial). The Yaesu 901p, D104, 901DM, and the Murch tuner are from WA3DKY b-4 he became a SK. I miss him. Also on top is a Swan 1200X linear with a noisy home-brew fan to warm the shack and cool the unit. Also on the second shelf is a MFJ DX beacon monitor. I haven't a clue why I bought it or what it really does, but it is there. Next to that are 3 MFJ toys I use sometimes, but not often enough. Last on the row is a SP8 speaker that is the output from my FT-840 on the bottom with the FC-10 above him, 'cause I am too lazy to tune by hand. To the third shelf down are 3 S meters to monitor the R-8 and the dipoles 80 & 160 out in the yard and the 2 meter on the roof. Bottom shelf is the Alpha-delta 4 antenna switch to hopefully ground the 840.



The rotor moves the ATV set up and 6m beam bolted to the RCI-5054 6 Meter and to the right of him is my 2 meter and backup all-mode FT-847, which came also from DKY-sk. In front of all this conglomeration is a Heil boom, with foot-switch. The mic is a used one from Dayton. I met Bob Heil there and he showed me how to fix it. Tnx Bob. The power for this comes from a MFJ supply on the floor shelf. The wires behind the equipment are hidden behind the IKEA shelf assembly which sits on an IKEA steel supported table. There is enough wires behind there to fry my large cat if he gets behind there.

The computer on the floor is a Compaq and the tube is a ViewSonic. On the shelf to the right of the tube, you see a circuit breaker. That is not- it is a speakerphone. Also not shown in the room is a table full of "STUFF" better known as junk. Thank you for the attending the tour. Refreshments will be served at poolside by my XYL. Hi Hi.



Introduced at Dayton this year. This is the Icom IC-7200 HF rig. Seems to be a sturdy little unit. Garnered a lot of attention from the crowd too. It looks like it is built to go portable or for backpacking.



It was nice to see that Dayton held the line on ticket prices. Anymore raises in the price and I think they'll start chasing people away.

As usual, lots of boatanchors and accessories abounded in the flea market. I'd say there were SOME empty spaces but not a whole lot. >>>>>>>>>>>>>>>>



All of the big dealers were there, such as AES, HRO, R & L, and Ham City and they seemed to be doing a brisk business on Friday. In some cases it was 2 and 3 deep waiting to buy.

Something new from the Marconi-Japan Company. These are mock-ups for a receiver and transmitter kit. From what I understand, they provide all the parts, and you design and build the set. Check out their website: www.marconi-japan.com



By the time you get this, Dayton '09 will only be 48 weeks or so away. It's never too early to start planning for next year.
(more on page 23)

Hamvention Soapbox (con't)

What stuck out for me was the new DX Engineering Fast Taper Verticals and related accessories (radial plates, baluns) (really ununs), etc. They were very well built and I would consider one for 160-80-40meters if I could ground mount one of them with 50 radials. My yard just is not big enough for that so my 40m quarter wave ground plane (MFJ-1793) will stay up as my main HF antenna. The VHF/UHF forum was worthwhile with presentations on GPS-stabilized microwave local oscillators and GPS-stabilized direct frequency synthesis techniques. I was tempted to buy a Boonton Microwave Power meter and sensor head combo for \$200 and an older HP noise figure meter and noise source for \$350, but let both go as I'd rather have the E-Bay documentation and PayPal protection versus cash in the flea market. I got to meet NE8I, the Michigan microwave enthusiast, and K4QF who wrote the Lowe's Loops article in July 2006 QST. Had a great dinner with W3SVJ, KA3YNO, W3MAC, NU3S, AI3J, and AI's daughter. John, EQP passed along a strip of MMICs to me he picked up for \$1 from the Mini Circuits booth. Great weather, good friends and food, lousy gas prices (hi)! ...WA3TTS.....I spent all the money in my pocket, plus some on the VISA, plus some checks, PLUS the MAC machine...Oh well, looks like I'll be putting in some OT at work to pay for it all....KQ3DX...Attendance down. Flea market down big time. Indoors seemed good. Attendance about 17,000 (guess) but accurate estimate. Still have not learned how to organize a flea market that is down 50%. Need to bring the booths together and get rid of all the parkers. Down every year for the last many years!..KOBUD

Pictures from the top: Some old military gear for sale seen in the flea market.

Middle: Some old Heathkit and Hammarlund gear in the flea market.

Bottom: One of the inside vendor halls seen on Saturday.



The Beginner's Help Desk

From our club Prez Mike, WA3TTS, comes this primer on how to use the HF antenna patch panel in the club's HF studio:

Hi Folks: A few weeks ago I installed a kilowatt rated unbalanced-to-unbalanced transmission line transformer (UNUN) (TLT) on the club's HF patch panel. It has six tap points labeled ABDEFG (C is intentionally missing). It was placed where the rectangular cutout was located on the bottom-center of the HF patch panel. All connectors are type "C". The Layout is.....

A D F
B E G

The available transforms are.....

IMPEDANCE	PORTS	PWR
50 to 12.5 ohms	D > B	KW
50 to 16.0 ohms	F > B	KW
50 to 22.0 ohms	E > B	KW
50 to 28.0 ohms	D > A	KW
50 to 32.0 ohms	G > B	KW
50 to 37.0 ohms	F > A	KW
~50 to ~50 ohms	A > E	KW (pass through)
	E > A	KW
50 to 68.0 ohms	A > F	KW
50 to 78.0 ohms	B > G	KW
50 to 89.0 ohms	A > D	KW
50 to 112.0 ohms	B > E	KW
50 to 156.0 ohms	B > F	250W *
50 to 200.0 ohms	B > D	250W *

* estimated (autotransformer mode)

There is a reference chart posted on the HF patch panel.

Usage Example: The 160M inverted L has a match in the HF shack near 28 ohms. This corresponds to the D > A port combination.

Connect the desired 160M capable radio to port "D" on the HF patch panel UNUN. Use the short jumper cable with C-connectors to connect port "A" on the UNUN to the 160M inverted L bulkhead connector. SWR indicated on the connected radio should be 1.2:1 or less at 1.850MHz. The UNUN is KW rated for this match condition. Without the UNUN the best match was 1.5 to 1 straight into the inverted L (no UNUN in line).

If you cannot find an UNUN port combination that will match an HF antenna at 2:1 or better, then DONT USE THE UNUN.

Ports A and E have a bypass link that is a permanent part of the UNUN. These ports may provide small match adjustments in the 45 to 55 ohm range. They are shown because someone will inevitably wonder what impedance transform is possible using them. Most of the time selecting an A > E or E > A port patch option will make little or no difference for a match condition. They might help on an occasion and cannot hurt anything if attempted.

It should be possible to use the UNUN to match an antenna designed for one band to another nearby band. For example, it should be able to match the 40M inverted Vee to 30M or match a tribander to 17M. I would guess the match would be in the 100 ohm range or so for those examples. I have not tried that yet...feel free to experiment and see what works.

Both the ICOM 746PRO and the Kenwood TS950SDX have built-in SWR meters in them. Use the SWR meter function on these radios to decide which UNUN ports offer the best match for a given HF antenna. The UNUN is not intended for use on 6 or 2 meters, it is an HF-only animal.

Refer to my UNUN article in the May Newsletter for more information on UNUNs and their applications.
(Check out a picture of Mike's UNUN under construction on the next page.)



FCC/ARRL News

Courtesy Of The ARRL

◆ FCC LOOKS TO RAISE VANITY CALL SIGN FEES

The FCC released a Notice of Proposed Rulemaking and Order (NPRM) on May 8 seeking to raise fees for Amateur Radio vanity call signs. Currently, a vanity call sign costs \$11.70 and is good for 10 years; the new fee, if the FCC plan goes through, will go up to \$12.30 for 10 years, an increase of \$.60.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. Instructions on how to comment on this NPRM are available on the FCC Web site at, <http://www.fcc.gov/cgb/consumerfacts/howtocomment.html>.

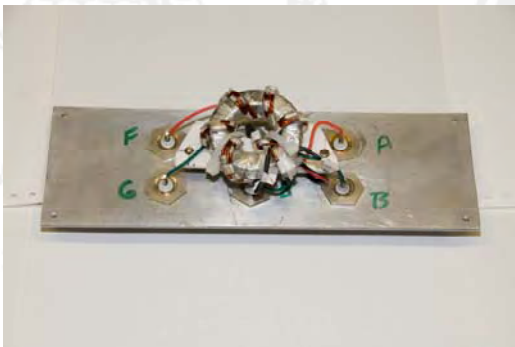
The vanity call sign fee has fluctuated over the 12 years of the current program -- from a low of \$12 to a high of \$50; the current fee of \$11.70 is the lowest the fee has been since the inception of the vanity call sign program. The FCC said it anticipates some 15,000 Amateur Radio vanity call sign "payment units" or applications during the next fiscal year, collecting \$184,500 in fees from the program.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal two years ago. Those holding vanity call signs issued prior to 1996 are exempt from having to pay the vanity call sign regulatory fee at renewal, however. That's because Congress did not authorize the FCC to collect regulatory fees until 1993. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the ULS site at, <http://wireless.fcc.gov/uls>, and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

A picture of
Mike, WA3TTS'
UNUN during
assembly.

Tnx N3EQP



◆ RILEY HOLLINGSWORTH RETIRES IN JULY

Special Counsel in the FCC Spectrum Enforcement Division Riley Hollingsworth has announced plans to retire from the FCC later this year. "My intention," Hollingsworth told the ARRL, "is to head out in July, assuming the results of the second round of the PAVE PAWS/440 repeater monitoring in California present no complications. It has been a privilege to work with and for the Amateur Radio licensees and the land mobile frequency coordinators. I am extremely fortunate to work for two wonderful groups of people: Those at headquarters in the Enforcement Bureau, and for the Amateur Radio operators." Hollingsworth had planned to retire earlier this year, but changed his mind, saying, "There [were] several issues on the table that I want[ed] to continue to work through with the amateur community."

While his successor has not been named, he was quick to point out that the FCC's Amateur Radio enforcement program will continue.

Hollingsworth said he considered it an honor to have given something back to "the incredible enjoyment and benefits that Amateur Radio has given me since age 13. And to every one of the thousands of you that thanked us for our work, many of whom waited for long periods after a forum or radio meeting just to come up and express appreciation for what the FCC was doing in enforcement, you have no idea how much that was appreciated every single time. It sure wasn't a 9 to 5 job, but it was a gift and a daily joy to work for the best group of people on earth. The only bad day in nearly 10 years was September 21, 2001, when we lost Steve Linn, N4CAK. We still miss him." Linn, deputy chief of the Licensing and Technical Analysis Branch for private wireless within the Wireless Telecommunications Bureau, and his wife Lesley were killed in a car accident on their way to the Virginia Beach hamfest.

Hollingsworth told the ARRL he was "so very impressed" with the young people who are involved with Amateur Radio: "To the very young Amateur Radio operators I met at Dayton, who have dreams of being scientists and astronauts and communications engineers, we will be pulling for you; I have a strong feeling we won't be disappointed."

"The Amateur Radio Service is part of the American heritage, and I am going to stay as actively involved in it as I possibly can," Hollingsworth explained. "Thank you all for working tirelessly to provide the only fail safe communications system on Earth and for helping this country keep its lead in science and technology. What an incredible gift it has been to work with you every day, and how fortunate we are to love the magic of radio!" (more FCC/ARRL News on page 18)

FCC/ARRL News (con't)

♦ NEW AMATEUR RADIO SATELLITE RECEIVES OSCAR DESIGNATION

Bill Tynan, W3XO, announced that Amateur Radio satellite Delfi C-3 has been issued an OSCAR number: Delfi-C3, OSCAR-64 or Dutch OSCAR-64. The shortened version of either of these two designations is DO-64.

Delfi C-3 was successfully launched April, 28, 2008 from India aboard a Polar launch vehicle and was successfully commissioned, currently transmitting telemetry on the 2 meter amateur band. In addition to its 2 meter downlink, Delfi C-3 has an uplink on the 70 cm band.

This newest amateur satellite was developed by a team of some 60 students and faculty members from various polytechnic schools in The Netherlands.

Delfi C-3 carries two experiments: one involving thin film solar cells developed by Dutch Space, and an autonomous wireless Sun sensor from the Dutch Government Research Institute (TNO). According to Delfi C-3 Project Manager Wolter Jan Ubbels, Delfi C-3 has been duly coordinated through Region 1 IARU representative Graham Shirville, G3VZV, and that the satellite "meets all of the criteria necessary to be issued an OSCAR number.

"AMSAT-NA is pleased to welcome DO-64 into the family of Amateur Radio satellites," Tynan said. "We are hopeful that it will fulfill its intended mission of furthering education and increasing interest in the Amateur Radio space program. We congratulate all of those responsible for designing, building, testing and launching this new Amateur Radio satellite and look forward to its long and productive life." (continued on page 26)

Swap 'n Shop

Wanted by Mel, WA3RVD: MFJ-259B SWR analyzer.
My PH # is 412-278-0305. Tnx de WA3RVD

June Business Meeting Equipment Auction

The little auction that could . . . Finally!

This is a list of the "larger" and consequently more expensive items that were left to SCARC by Bill Johnson, KA3LRE:

- ♦ **Icom IC-R75:** communications receiver to 60mhz. This receiver has the DSP option installed. Minimum bid: \$325.00
- ♦ **MFJ-8100W:** "WORLD BAND SHORT WAVE RECEIVER". This is a regenerative receiver factory assembled, in the original box.
- ♦ **MFJ-461:** pocket CW reader. One new in original blister pack. (2) Minimum bid: \$8.00
- ♦ **MFJ-702B:** low-pass transmitter filter, 200 watts. Minimum bid: \$25.00
- ♦ **Vellman-DVM850BL:** digital VOM tester. Minimum bid: \$8.00
- ♦ **Vellman-DVM810:** digital VOM tester
- ♦ **TIME WAVE ANC-4:** noise canceling antenna phaser.
- ♦ **PSR-4C (SCI SPECO):** 13.8 volt 4 amp DC supply.
- ♦ **Multiple lots of station accessories:** PL series connectors, adapters and fittings; microphones, "wall warts" jumper cables etc.



BRANIFF AIRWAYS, INC. has been using Collins ground transmitters since 1935 and Collins aircraft transmitters since 1937.

It was the first great airline to recognize the superiorities of Collins design, workmanship and performance, the first to avail itself of the precise, sturdy, reliable Collins Autotune.*

Today Braniff uses Collins multi-channel or Autotune equipment at every point at which it has a radio station, and every ship in its Super B Liner fleet carries a Collins J/F Autotune aircraft transmitter.

There is a deep satisfaction in having supplied the nerve-system on which Braniff relies in maintaining its magnificent record of safety and operating efficiency.

When Collins turned to war production, it could apply the know-how that came

from furnishing communication equipment which met the exacting needs of Braniff and other major airlines. When it returns to civilian design and production, it will add to that know-how the tremendously increased, intensified experience acquired in its services to the Armed Forces. Collins Radio Company, Cedar Rapids, Iowa.



*The Collins Autotune is a repositioning mechanism which quickly shifts all transmitter or receiver tuning controls simultaneously and with extreme precision to any one of a number of pre-determined frequencies. Patents issued and pending in the USA and other countries.



Dayton Hamvention de W3SVJ

Dayton, one more time . . . ONCE

My first visit to the “Dayton” was almost 40 years ago. As I remember, we “bunked” downtown at a Howard Johnson. I was invited to join a couple of the guys from our club (SCARC) on that trip. They were senior to me and may have been there in an earlier time. I was the designated driver (young guy with a new car) and I was pleased to join these senior gents on the trip. They all had been licensed before I was born and their cumulative ham radio years had to be more than a CENTURY. I just kept my mouth shut and followed their lead. What a difference nearly 40 years makes!

I don't really remember a flea market on my first visit. My friends were big time Dx'ers in our local area (and known world wide) so their interests were in the world of DX. We visited the hospitality rooms in the hotels that were sponsored by the various DX associations. It was great fun with lots of food and drink. Fast forward 10 or so years to the early seventies with Hara Arena being the new venue and the texture of the Dayton Hamvention changed considerably. Lots of flea market stuff and many commercial vendors. Now it was directed to interests more of my liking, **HARDWARE**. The heavy hitters such as Collins, Hallicrafters, National, Hammarland, TEN-TEC and the newcomers Yaesu, ICOM, Kenwood etc, and the myriad of smaller vendor/manufacturers down to the guy that made antenna insulators in his basement started to fill the indoor display areas and along with the vendors came the “customers,” guys like me. The flea market and tailgaters started filling the outdoor area as well since they could now show their goods to more than a few thousand rather than the few hundred at the usual hamfest.

In those early days, the arena didn't open until Saturday. Now of course, it's opens on Friday morning and the outdoor flea market guys are up and running on Thursday.

There were times when our group would drive down on a Saturday and come back the same day. I don't think I would do that today. Well, maybe. This last trip started on Wednesday and as in the last decade or so, we spent a lot of Thursday at the wondrous Air Force Museum. I've been there a lot of times and I will, the good Lord willing, visit there many more times.

Even in those earlier years and more so now, the event was a “social” activity for me. Sure we bought things here and there and twisted knobs and switches to sample a piece of equipment to be bought at a later date but “eye ball” QSOs were a big hit. Folks that moved from the Pittsburgh area often made the trip to Dayton and it was a real treat to meet up with them again. I guess it is the mix of the whiz bang new gear and technology showing up each year and the friendships old and new that makes Dayton such a hit for me.

This year's event? Well, it still holds my interest and charm. I'm not a good judge of the number count and I suppose it depends who and when you ask as to the attendance. I'll let the “experts” give the statistics. There were a lot of smiling faces and more than a few “How the heck you been Bro and what's new since I saw you last?” Even folks that you DONT know are quite willing to join in a conversation about our wonderful hobby. And well it should be. My impression of this last Hamvention? FANTASTIC!! They all blur together a bit but it's still a great event and even though I might not be ready to go in a few weeks I surely will be “itching” by next spring! 73 es CU there de W3SVJ

- ♦ Ye Olde Editors note: Isn't this a truly wonderful hobby we indulge ourselves in?? Where else can you flip a switch, and chat with someone else on the other side of the world. Not only that, but when you're done, you've made a new friend!! Life is good!! I hope you have enjoyed the Dayton Hamvention report this year. Consider going if you've never been there. Don't let the price of gas keep you from going next year. I guarantee you that you will not regret it. It is well worth the effort. CU next year at Dayton!! 73 de KQ3DX et al.



N3MSE Comes To Visit



Lloyd, KA3MSE

Sue, KA3JKS

John, N3MSE, ARRL WPA Section Mgr.

SCARC was pleased to have John, N3MSE, the Section Manager from ARRL at our last meeting. John's theme was about ARES (Amateur Radio Emergency Service) and how we can best prepare ourselves should we be called on. Along with any formal training the simplest and easiest activity to sharpen our skills is to just get on the air and operate. The various nets, public service activities and even contests help in honing "on air" proficiency. As the famous NIKE ad says, "JUST DO IT." N3MSE discussed and answered questions from the membership as to ARRL views regarding RED CROSS and Salvation Army privacy requirements as well as "official" opinions as to our responsibilities and liabilities as radio operators volunteering for various agencies.

Along with John are pictured KA3MSE (no relation!) and KA3JKS, two of our very active ARES folks.

Thank you for visiting us; the door is always open for an "official" or social visit.

(Thanks to our roving reporter and man-on-the-scene Nate, W3SVJ for the report.)



More ARRL WPA Section News (con't)

♦ ATLANTIC DIVISION AWARD WINNERS ANNOUNCED AT ROCHESTER HAMFEST

We would like to recognize the following Atlantic Division Awards winners: Dave Prestel W8AJR was awarded the Atlantic Division Amateur of the Year award at the Atlantic Division Convention in Rochester, NY this past weekend. Dave is involved with ARRL Legislative Action team and serving as the Atlantic Division Legislative Action Chair; he's been a vital force in the Howard County ARES/RACES team; he's been an active volunteer with the Columbia Amateur Radio Association public (CARA) service activities and an organizer of entry level licensing classes sponsored by CARA. Dave also has led the efforts to get the repeater coordinating council, T-MARC, functioning again. Dave is currently serving as the President of T-MARC.

Frank Brickle AB2KT and Robert McGwier N4HY have jointly been awarded the Atlantic Division Technical Achievement Award for their work in creating the Open Source DttSP Project to provide a basic core for Software Designed Radio (SDR) projects that are both efficient and capable of being integrated into a number of application environments. In making their work Open Source/Open Standards and by spending countless hours helping many other amateurs understand and advance the technology, they have made an outstanding contribution to amateur radio.

The Grand Old Ham Award is not issued on an annual basis, but only when the Awards Committee feels a truly outstanding individual merits this award. This year, the Awards Committee felt that an individual met the qualifications and this prestigious award was issued to Keith Freeberg N2BEL. Keith's amateur radio involvement with public service, youth and education for many years was legendary. Keith was instrumental in bringing the Radio Coaches program to the Rochester NY area. Under Keith's leadership, the Radio Coaches program brought ham radio and electronics to many school children in the inner city schools of Rochester. This award was presented to Keith on April 13th and on the following day, Keith lost his battle with cancer.

In honor of Keith's dedication to youth and education with amateur radio, an annual award is being created. The Keith Freeberg N2BEL Educator of the Year Award will be added to the Atlantic Division annual awards, and will be awarded to an amateur radio educator within the Atlantic Division who has demonstrated superior service in education for amateur radio.

Please join us in congratulating these individuals on their awards.

♦ WEBINAR SCHEDULE

Atlantic Division ARRL Regulatory Webinar
Saturday, June 14th from 11:00am -- noon

Meet with ARRL's Regulatory Manager, Dan Henderson N1ND, who will present information about the ARRL's regulatory program and what he's been working on.

This webinar/teleconference is for anyone interested in regulatory issues such as ARRL members, clubs members, ARES members, Section Managers, Section Cabinet Staff and everyone else. There will be a question and answer period after the presentation. To register: <https://www1.gotomeeting.com/register/295496463>

Atlantic Division Antenna Zoning and PRB-1 Webinar
Saturday, July 26th from 10:30 -- noon

Pennsylvania amateur radio operator and attorney Mike Lazaroff K3AIR and ARRL General Counsel Chris Imlay W3KD talk about dealing with zoning boards, and PRB-1 when looking to put up amateur radio antennas. Mike has served on his local zoning board and town council, so he has unique experience to bring to the table to help unravel the antenna issues. He's also been at the forefront of a recent PRB-1 action in Pennsylvania that hams should be aware of. Chris has extensive experience with PRB-1 actions that he brings to the table.

This webinar/teleconference is for ARRL members who
(continued on next page)

More ARRL WPA Section News (con't)

have an interest in how to deal with local government zoning boards and town councils when putting up amateur radio antennas, along with how and when PRB-1 might be able to assist. There will be a question and answer period after the presentation. To register, go to: <https://www1.gotomeeting.com/register/747039387>

Additionally, we are working with Bob Bruninga WB4APR, the developer of APRS, on scheduling one or more webinars on APRS topics. We are also working on a webinar presentation on grab-n-go kits. There are other potential webinar topic suggestions received that we are following up on. Stay tuned!

♦ UPDATE ON SB-884 (PRB-1 IN PA.)

On Monday morning, June 2nd, Dave Eckman, WA3YVR, President of the Pennsylvania Paid Firefighters Association and representing Pennsylvania Hams on behalf of the Section Managers in both the WPA and EPA sections met with PA. State Senator Stewart J. Greenleaf and others to discuss the pending tower legislation. Below are Dave's comments and suggestions. I am grateful for Dave's assistance with this important issue.

73, John V. Rodgers N3MSE, ARRL WPA Section Manager

Hello all...

I had a very productive meeting today with key Senate staffers on our PRB-1 initiative. I must commend the amateur radio fraternity in Pennsylvania as their grassroots efforts on this issue clearly was the cause of the meeting. All of the various staff were really impressed that we were able to mobilize the troops and get letters written on this subject. I am asking all hams in Pennsylvania to contact their respective Senator and ask them to look at SB 884. Our message is very simple....all we are asking is that the General Assembly of Pennsylvania simply codifies the PRB-1 FCC ruling for Pennsylvania. That means that any ordinance or regulation adopted by a municipality shall accommodate amateur service communications. Again, thanks for the efforts and I will keep you all advised.

73, David N. Eckman, WA3YVR



YET ANOTHER REASON TO MAKE IT TO THE JUNE BUSINESS MEETING: BOB, WB3HDI IS WORKING ON PERFECTING THIS ONE. HE CALLS IT HIS 'REDNECK SEAFOOD SPECIAL'. WITH FOOD PRESENTED THIS WELL AT OUR CLUB MEETINGS, HOW CAN YOU POSSIBLY STAY AWAY??

Propagation Report

Courtesy Of
The ARRL

We had seven days of no sunspots this week, but a sunspot was emerging on Thursday, June 5. Helioseismic holography revealed a high latitude sunspot on the opposite side of the Sun. Until recently, we had no idea what was happening on the far side of the Sun, the side directed away from Earth. The NOAA Space Weather Prediction Center sees a constant and quiet geomagnetic planetary A index of 5 through June 14. Geophysical Institute Prague predicts quiet conditions for June 6, quiet to unsettled June 7-8 and quiet again June 9-12. Sunspot numbers for May 29-June 4 were 0, 0, 0, 0, 0, 0 and 0 with a mean of 0. The 10.7 cm flux was 68.1, 67.1, 66.9, 66.6, 67.1, 66.3 and 65.2 with a mean of 66.8. Estimated planetary A indices were 9, 11, 8, 8, 5, 4 and 4 with a mean of 7. Estimated mid-latitude A indices were 7, 7, 8, 6, 4, 3 and 2, with a mean of 5.3. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <http://www.arrl.org/tis/info/propagation.html>. To read this week's Solar Report in its entirety, check out the W1AW Propagation Bulletin page <http://www.arrl.org/w1aw/prop/>.



The top-of-the-line Icom IC-7800. A mighty impressive rig, especially when you top it off with the display unit, as is seen with this one.



Numerous people came up to me at the Breezeshooters hamfest and asked about rooms for next year. I promise, I will be on the stick this time around and make the reservations ASAP!!

The Icom IC-R9500 receiver. This would look real good sitting next to that IC-7800 you just purchased. That's for those of you who need an additional receiver in the shack. >>>>>>>>>>>>

For a different view on Dayton
Hamvention 2008, check out this blog:
[http://k9zw.wordpress.com/2008/05/28/
dayton-hamvention-2008-follow-up-report-
no-21-dayton-the-unwashed/](http://k9zw.wordpress.com/2008/05/28/dayton-hamvention-2008-follow-up-report-no-21-dayton-the-unwashed/)



Another offering from the Emtron company. This is the DX-2B amp, capable of 1800 watts output. As far as amps go, these seem to be well-designed and constructed units.

[illegible]

That's it for the Hamvention wrap-up this year. Hope you enjoyed it. Next year consider experiencing it for yourself in person. There is just so much to see and do, it's a wonderful escape from reality for 3 days.



W3BC Claims High Score In CQ WW VHF



Joe, W3BC, proudly displays his 2007-winning certificate from CQ.

The certificate proclaims that Joe is high scorer in Pennsylvania operating in the "ROVER" category. VHF is difficult enough with a fixed station, tower and a large antenna system. Mobile?

A "whole 'nother story." Congratulations.



****THIS IS THE 'I RAN OUT OF ROOM SO I DECIDED TO STICK IT HERE' DEPARTMENT, PART II:****

THE QCWA CHAPTER 6 GROUP WILL HOLD IT'S NEXT MEETING ON JUNE 14TH, AT ROCKY'S II. MEETING STARTS AT NOON, DOORS OPEN AT 11:30AM. ROCKY'S II IS LOCATED ON ROUTE 51, (AKA ISLAND AVENUE) IN STOWE TOWNSHIP, JUST OFF THE FLEMING PARK BRIDGE, WHICH IS JUST OFF THE EASTERN TIP OF NEVILLE ISLAND. ALL ARE WELCOME TO ATTEND.

Commonwealth of Pennsylvania



Governor's Office

PROCLAMATION

AMATEUR RADIO MONTH June 2008

WHEREAS, Thousands of our Commonwealth's citizens have been licensed by the Federal Communications Commission as Amateur Radio operators. These dedicated volunteers, also known as Hams, have been providing vital supplemental communications to their communities during times of natural disasters, in local emergencies, and at public events since wireless radio's earliest days; and

WHEREAS, these Hams work without compensation in the best interests of our Commonwealth and world—they are on the alert for any local or global emergency and are committed to being a critical resource in our Homeland Security efforts; and

WHEREAS, Amateur Radio promotes international goodwill, encourages young people to pursue an education and careers in scientific, engineering, and liberal arts fields, and expands state-of-the-art communications and electronics through experimentation.

THEREFORE, I, Edward G. Rendell, Governor of the Commonwealth of Pennsylvania, do hereby proclaim June 2008 AMATEUR RADIO MONTH in Pennsylvania. I encourage all citizens of the Commonwealth to support local Amateur Radio operators' efforts and recognize their vital importance in a comprehensive communications system.

GIVEN under my hand and the Seal of the Governor, at the City of Harrisburg, on this twenty-eighth day of May in the year of our Lord two thousand and eight, and of the Commonwealth the two hundred and thirty-second.

Edward G. Rendell

EDWARD G. RENDELL
Governor



Governor Proclaims June 2008 As 'Amateur Radio Month'

'Could you send this to as many of our Amateurs that we have, with a hearty thanks from all of us.'

Robert A. Full
Chief
Allegheny County
Department of Emergency
Services

The Governor has declared June as Amateur Radio Month. I wanted to extend a personal thank you, and those of Chief Full (KB3AYA), for all of you who have made the Allegheny County RACES an exemplary program. With the addition of the new radio cache and some other improvements under way we'll make the program even better.

Thank you all for a job well done.

73s, Dave
Johnson
(KB3KDH)



FCC/ARRL News (con't)

♦ MORSE CODE RETURNING TO MARS TOOLBOX

After more than a dozen years, Morse code will soon be returning to Military Affiliate Radio System (MARS) nets. In the mid-1990s, the Department of Defense (DoD) did away with CW operation across the board -- including MARS nets -- as automatic systems such as the Internet, SATCOM, cell phones and e-mail became available and the payroll cost of manual operators escalated. Army MARS launched a limited test of CW nets in four Midwestern states in late 2007. During a DoD interoperability test this past March, a Transportation Security Administration (TSA) station used it to communicate with Fort Huachuca. In announcing the return of CW to MARS nets, Navy-Marine Corps MARS Chief Bo Lindfors cited an emergency where CW was sorely missed: "I remember the [1998] Northeast Ice Storm shortly after I became [Navy-Marine Corps MARS] Chief and the unnecessarily lengthy effort by all of southern New England to receive one voice EEL [Essential Elements of Information Report] from a northern New England member whose antenna was covered in ice and lying on the ground. It took more than an hour when CW could have handled it in a few minutes. As more and more of our members enter MARS with no Morse code experience, I am afraid that we will soon lose that skill set if we don't do something." Army MARS Chief Carter said the imminent return of CW will not replace modes such as WinLink, Pactor 3 and MT63. "Our CW nets will focus on maintenance of skills and will necessarily be limited by the shortage of available frequencies and trained members," he said. "But if members want to add CW to their skills, the nets will be available for training."

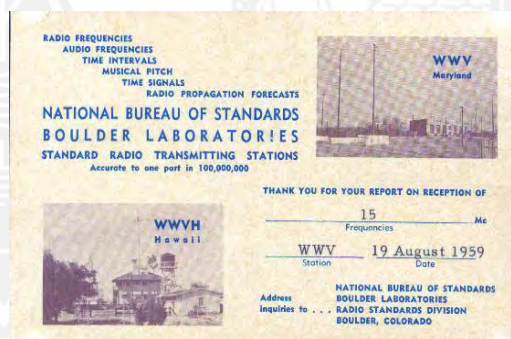
♦ BE CAREFUL ON 10 METERS

With recent band openings beginning on 10 meters, ARRL has received word that a number of US amateurs have been heard using SSB below 28.300. "We urge everyone to remember that 28.000 to 28.300 MHz is reserved for RTTY and data, including CW," said ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG. "Phone is permitted from 28.300 to 28.500 for Novice and Technician class licensees with a

maximum power of 200 W. Phone and image are allowed from 28.300 up to 29.700 for General, Advanced and Extra class license holders." Skolaut, who manages the Official Observer and Intruder Watch programs, said that people have called and e-mailed ARRL HQ inquiring about hearing IDs repeated in code on various 10 meter frequencies. "What they are hearing are beacons," Skolaut said; he suggests checking out some Web sites for more information on beacons you might hear on 10 meters <<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=1114>> and other bands <<http://www.ncdxf.org/beacons.html>>.

♦ NEW RUSSIAN SATELLITE IN ORBIT

A Russian rocket launched from Plesetsk on May 23 carried a number of payloads to orbit, including a new Amateur Radio satellite named Yubileiny -- Russian for jubilee -- since christened Radio Sputnik 30 (RS-30). Operational details are vague at this time. Amateurs throughout the world report receiving signals at 435.315 and 435.215 MHz; some report reception of CW telemetry while others report what appear to be image transmissions from the satellite. RS-30 is orbiting at a maximum altitude of 1500 km, creating a substantial communications footprint below. The satellite will broadcast audio and video about the history of the Soviet and Russian space programs, as well as signals imitating those broadcast by Sputnik 1 in 1957. According to the satellite's launch team, "The motive for development of the Yubileiny small spacecraft was the 50th anniversary of the first space satellite. With the help of that satellite, the new space systems and equipment are expected to get flight qualification, and radio-amateurs all over the world will be able to receive information on the history of space development and domestic cosmonautics achievements."



May 2008

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June 2008

July 2008

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 <i>Breezeshooter's Hamfest</i> WASH Sun. Net 9PM Kids Roundup	2 Breezeshooter's Net RSGB 80m Club Championship, Data	3 Skyview Business Meeting WACOM 2M Net WACOM 10M Net	4 <i>SCARC Social Nite</i> Alleg Co. ARES Net	5 Skyview 2M Net WACOM Business Meeting	6 NCCC Sprint Ladder Digital Pentathlon	7 SEANET Contest Alabama QSO Party IARU Region 1 Field Day, CW RSGB National Field Day
8 WASH Sun. Net 9PM SEANET Contest Alabama QSO Party IARU Region 1 Field Day, CW RSGB National Field Day	9 Breezeshooter's Net	10 Foothills ARC Business Meeting WACOM 2M Net WACOM 10M Net	11 <i>SCARC Social Nite</i> Alleg Co. ARES Net NHARC Business Meeting NAQCC Straight Key/Bug Sprint RSGB 80m Club Championship, CW	12 Skyview 2M Net WASH Business Meeting	13 NCCC Sprint Ladder Digital Pentathlon	14 <i>Flag Day</i> ANARTS WW RTTY Contest ARRL June VHF QSO Party West Virginia QSO Party Portugal Day Contest Asia-Pacific Sprint, SSB
15 <i>Father's Day</i> WASH Sun. Net 9PM ANARTS WW RTTY Contest ARRL June VHF QSO Party West Virginia QSO Party	16 Breezeshooter's Net ARRL June VHF QSO Party SARL Youth for Amateur Radio Run for the Bacon QRP Contest	17 <i>SCARC Business Meeting 8PM</i> Skyview Social Nite 2 Rivers ARC Business Meeting WACOM 2M Net WACOM 10M Net	18 Alleg Co. ARES Net	19 Skyview 2M Net RSGB 80m Club Championship, SSB	20 NCCC Sprint Ladder Digital Pentathlon	21 <i>Summer Begins</i> All Asian DX Contest, CW Feld Hell Sprint SMIRK Contest
22 WASH Sun. Net 9PM All Asian DX Contest, CW SMIRK Contest	23 Breezeshooter's Net	24 WACOM 2M Net WACOM 10M Net	25 <i>SCARC Social Nite</i> Alleg Co. ARES Net BCC QSO Party SKCC Sprint	26 Skyview 2M Net	27	28 <i>ARRL Field Day</i> WASH Breakfast His Maj. King of Spain Contest, SSB Ukrainian DX DIGI Contest Marconi Memorial HF Contest
29 <i>ARRL Field Day</i> WASH Sun. Net 9PM His Maj. King of Spain Contest, SSB Ukrainian DX DIGI Contest Marconi Memorial HF Contest	30 Breezeshooter's Net					

June 2008

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July 2008

August 2008

S	M	T	W	T	F	S
						1
						2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 WACOM 2M Net WACOM 10M Net RAC Canada Day Contest Skyview Business Meeting	2 SCARC Social Nite Alleg Co. ARES Net	3 Skyview 2M Net WACOM Business Meeting	4 Independence Day MI QRP CW Sprint	5 DL DX RTTY Contest
6 WASH Sun. Net 9PM DL DX RTTY Contest DARC 10M Digital Contest	7 Breezeshooter's Net	8 WACOM 2M Net WACOM 10M Net	9 SCARC Social Nite Alleg Co. ARES Net NHARC Business Meeting	10 Skyview 2M Net WASH Business Meeting	11	12 IARU HF Championship FISTS Summer Sprint
13 WASH Sun. Net 9PM NHARC Hamfest IARU HF Championship	14 Breezeshooter's Net	15 SCARC Business Meeting WACOM 2M Net WACOM 10M Net Skyview Social Nite 2 Rivers ARC Business Meeting	16 Alleg Co. ARES Net	17 Skyview 2M Net	18	19 Pgh Vintage Grand Prix CQ WW VHF Contest NA QSO Party RTTY DMC RTTY Contest
20 Pgh Vintage Grand Prix WASH Sun. Net 9PM Somerset Hamfest CQ WW VHF Contest NA QSO Party RTTY DMC RTTY Contest	21 Breezeshooter's Net	22 WACOM 2M Net WACOM 10M Net	23 SCARC Social Nite Alleg Co. ARES Net	24 Skyview 2M Net	25	26 WASH Breakfast RSGB IOTA Contest
27 WASH Sun. Net 9PM RSGB IOTA Contest	28 Breezeshooter's Net	29 WACOM 2M Net WACOM 10M Net	30 SCARC Social Nite Alleg Co. ARES Net	31 Skyview 2M Net		



Somerset County PA Hamfest

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

Talk-In: **147.195+ / 443.250+ K3SMT Repeater**

Rain or Shine, the 'Fest will go on!
Plenty of indoor flea market space available.



ARRL
Sanctioned

Free Parking — Free Coffee — Breakfast / Lunch available on-site.

Sunday, July 20th, 2008 – 8:00 a.m. to 12:00 Noon

Where: **Somerset County Technology Center**
281 Technology Drive, Somerset, PA 15501
GPS Coordinates: 40.00281N 79.03345W

Grounds Open at 6:00 am for vendors and tailgaters. Indoor area opens for business at 8:00 am.

Cost: Entrance Fee: **\$4.00 in advance / \$5.00 at the door**

Indoor Table: **\$10.00** (Tables will be provided)

Tailgating: **\$5.00**

VE Testing at 10:00 am
Fee: **\$14.00**

2008 Featured Vendors

KJI Electronics (()))
SERVING AMATEUR RADIO SINCE 1978



Hamfest Prize Sponsors

LDG Electronics
Samlex America, Inc.

2008 Main Prize List

Main Prizes drawn at noon.

1st Prize: Yaesu FT-7800R Dual-Band Mobile

2nd Prize: LDG AT-100Pro Antenna Tuner

3rd Prize: PowerGate PG-40 w/Battery

4th Prize: Eagle1 Mystery Prize Package

Main Door Prize: MFJ-121B Atomic Clock

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

"Black Box" Prize

"Black Box" ticket drawn at noon or when
all 50 tickets are sold, whichever comes first.

50 Tickets will be sold for a mystery prize valued at between

\$100 — \$150

1 in 50 chance for only \$5 each!

Pre-order your admission and prize tickets; get detailed directions, maps, and more on our website:

➔ **www.K3SMT.org** ➔

Stay and visit awhile...

- Enjoy hiking, biking and camping in a rural setting
- Flight 93 Memorial Site
- Quecreek Mine rescue site

For more events and attractions:
www.laurelhighlands.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 Dr.**

**The Hamfest will be
on your right
behind the building**



The Steel City Amateur Radio Club
(412) 787-0777

2M Repeater:
147.030/147.630MHz (PL 123.0)

70cm Repeater:
444.450/449.450MHz (PL 103.5)

WA3TTS Beacon: 144.300MHz
(CW)

ATV Repeater: 426.250MHz
(Currently off-line. Contact AA3EE
for more info.)

1296MHz Beacon: 1296.269MHz
(CW) 1W



Check us out on-line:
<www.w3kwh.com>

The Steel City Amateur Radio
Club is an ARRL-Affiliated
organization



Some people will sell anything at a hamfest.
I'm glad I saw this though; I'm restoring a B-52
in my basement and this is just what I needed
to finish it. More Hamvention pics inside!

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