

Kilo Watt Harmonics

May 2011
Issue #5
Price: FREE!



THE OFFICIAL HOUSE ORGAN OF THE STEEL CITY
AMATEUR RADIO CLUB, PITTSBURGH, PA.

<www.w3kwh.com>

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**Our next meeting date: May 17, 8PM.
Come for the meeting, stay for the fine
dining and friendly socializing afterwards.**

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THE BUSINESS MEETING IS
EVERY THIRD TUESDAY OF THE
MONTH @8PM. A SOCIAL NIGHT
IS HELD EVERY WEDNESDAY
NIGHT, EXCEPT FOR THE
WEDNESDAY FOLLOWING THE
BUSINESS MEETING. ALL
AMATEURS ARE WELCOME
TO ATTEND BOTH.
COME JOIN THE CLUB! E-MAIL AN
OFFICER FOR DETAILS.

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Dayton Hamvention Hara Arena map.....SEE
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Dayton Hamvention Forums Guide.....SEE
ATTACHED .PDF FILE



May 2011

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Amateur Radio Club (SCARC)

Editor: Greg Babin, NB3C.

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SCARC is an ARRL-affiliated
organization.

Membership is open to all
licensed amateurs in
the Pittsburgh area.

PLEASE KEEP ME IN THE
LOOP ON LOCAL NEWS/
EVENTS. REMEMBER: JUST
BECAUSE YOU KNOW WHAT'S
GOING ON DOESN'T MEAN I
KNOW WHAT'S GOING ON!

NEXT ARTICLE DEADLINE: FRI., JUNE 10, PUBLICATION DATE: SUN., JUNE 12

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)
ATV Repeater: 426.250MHz (Currently off-line.)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW)
WA3TTS Beacon: 1296.269MHz (CW) (See page 6)

ON THE FRONT COVER: OHBOYOHBOYOHBOY! Dayton is here! Icom's
impressive SteppIR HF antenna seen in the flea market.
ON THE BACK COVER: A WWII German Enigma machine. Seen at
Dayton Hamvention.

THANKS TO THE FOLLOWING FOR YOUR CONTRIBUTIONS THIS MONTH:

N3LLR, W3TOM, NU3Q,
KA3MSE, W3SVJ, ARRL, 425DX
News, OPDX Bulletin, WB3HDI,
KA3JKS, KT3L, W0WAK

Business Meeting minutes: April 2011

The meeting was called to order at 2006 EDT by club President Bob, WB3HDI, and was followed by the Pledge of Allegiance & a moment of silence for our silent keys. 15 members answered the roll call, along with 3 guests. The March minutes were accepted as printed in the April newsletter.

COMMITTEE REPORTS:

- ⇒ **TREASURER'S REPORT:** Stewart, AK3J presented the treasurer's report in Walt, KA3YNO's absence and the report was accepted by the membership.
- ⇒ **CLUBHOUSE:** Karl, WA3VXJ, thanked Bob, WB3HDI for cleaning up tonight before the meeting. Karl & son cleaned the clubhouse grounds. Bob, WB3HDI reports the VHF studio is ready to paint. Data lines need to be moved, and Tim, W3WTW will assist in that endeavor. Art, WA3BKD reported that he is resigning all of his committee positions in the club. Della, N3DQ is also resigning from her responsibility for maintaining the AED (Automated External Defibrillator) in the clubhouse.
- ⇒ **TECHNICAL:** John, N3EQP reported his findings on moving the 6M beam closer to the clubhouse.
- ⇒ **CONTEST:** Nothing to report this month.
- ⇒ **MEMBERSHIP:** Art, WA3BKD reported that N3BSZ has exceeded the 6 month time limit for application. His application for membership is no longer valid and he will need to start the process over.
- ⇒ **NEWSLETTER:** Need public service and local news. Hard copies were printed and brought to the club for any member needing one. Greg, NB3C thanked everyone for reading.
- ⇒ **PUBLIC SERVICE:** Bob, NU3Q is still in need of ops for the Race for the Cure. Lloyd, KA3MSE reports that we have the net 4/20. May 15th Pittsburgh Marathon still needs ops per Mike, WA3PYU. Mike will have a presentation on ARES/RACES after the meeting.
- ⇒ **WAYS & MEANS:** 50/50 will be held after the meeting by Greg, NB3C. Greg will also collect QSL cards for the outgoing QSL buro after the meeting. John, N3EQP reports if Joe, WA3FWA is available, we will internet chat with him after the meeting (we did). (Joe is doing and looking good!)
- ⇒ **PC/WEBSITE:** Nothing to report; everything is working OK. Joe, WB3AGB will give an audio leveler to Tim, W3WTW to use for the Echolink node on the repeater, to assist in the reception of Echolink.
- ⇒ **VOLUNTEER EXAMS:** Mark, A13J is resigning as VE coordinator. Volunteer needed to fill this position please.
- ⇒ **OLD BUSINESS:** John, N3EQP is looking for suggestions for books to add to the library. We also have various CD/DVD available to loan. Karl, WA3VXJ is looking to enlarge some of the photos in the SCARC photo archives and place them on the back wall in the clubhouse.
- ⇒ **NEW BUSINESS:** Nothing to report this month.
- ⇒ **GOOD OF THE ORDER:** Bruce Murray, N3GHI had surgery recently and is recovering. A 'get well' card is on the table and available for any interested member to sign. Guest speaker Mike, WA3PYU will speak on the relationship of ARES/RACES after the meeting.

MOTION TO ADJOURN: By Doc, KT3L, and seconded by John, N3EQP. Meeting adjourned at 2100 EDT.

50/50 run by Greg, NB3C and won by: Stewart, AK3J.

Meeting minutes submitted by Greg, NB3C (in the absence of Joe, WA3FWA).

Next meeting: May 17th, 8PM.
June meeting: June 21, 8PM. CU there!

Skywarn Presentation

There will be a short Skywarn presentation at the May 17 Business Meeting, by Fred McMullen, KD8GRJ, the new Warning Coordination Meteorologist at the National Weather Service in Pittsburgh.

Fred is originally from the Pittsburgh area and is returning from the regional headquarters outside New York City where he managed the Aviation and Severe Weather Program for the eastern United States.

Please join me in welcoming Fred to our meeting.

Sue Rakiec

KA3JKS



Last call for Pgh. Marathon ops.....

The Pittsburgh Marathon is this coming weekend, May 15. If you're interested in helping out, shoot an E-Mail to Jeff at the address below. NO EXPERIENCE NECESSARY! Come on out, learn some new skills, and have fun doing it! Thanks for your attention!

<www.pittsburghmarathon.com> <marathon.central.org>
Contact: Jeffrey Hutzelman N3NHS <jhutz@cmu.edu>

*** ARRL AFFILIATED CLUB SURVEY ***

If you are the President, Club Contact or Newsletter Editor for an ARRL Affiliated Club, you should have received an email from the ARRL announcing a survey from the ARRL Programs and Services Committee.

We'd like to ask each person who received this survey announcement to please complete the survey so that The ARRL Programs and Services Committee can look at potential improvements to the Affiliated Club benefits program.

If you have already completed this survey, our hats are off to you and you have our sincere 'Thank You' for your participation.

*** UPCOMING WEBINARS ***

We are working on two more webinars covering D-Star topics. More detail will be released later, but the titles, dates and times for these presentations are:

Basic D-Star: Wednesday, May 11th from 9:00pm to 10:30pm

To sign up early, you can register by going to the URL:

<<https://www1.gotomeeting.com/register/327277537>>

D-Star and EmComm: Wednesday, June 8th from 9:00pm to 10:30pm

To sign up early, you can register by going to the URL:

<<https://www1.gotomeeting.com/register/746329904>>

73, Bill Edgar, N3LLR, Atlantic Division Director & Tom Abernethy, W3TOM, Atlantic Division Vice Director



Propagation report

Currently seven sunspot groups are visible. The average daily sunspot number is down more than seven points over the past reporting week (April 28 to May 4) when compared to the previous seven days. Average daily solar flux was off nearly five points compared to the earlier period.

Sunspot group 1201 first exhibited spots on Thursday, May 5, although it was first numbered as a plage without spots back on April 28. A plage is a bright area on the Sun where sunspots may appear. Group 1207 was also new on Thursday. You can see a daily summary of sunspot groups, including their total area, at <<http://www.swpc.noaa.gov/ftpmenu/forecasts/SRS.html>>.

A solar wind stream from a coronal hole induced a high latitude geomagnetic storm at the end of April. Middle-latitude geomagnetic K indices measured at Fredericksburg, Virginia went as high as 4, and the April 30 to May 2 middle-latitude A index was 17, 13 and 14. The planetary K index hit 5 on April 30, and the planetary A index over the same 3-day period was 24, 19, and 20. High latitude areas were more sharply affected, and Alaska's college K index rose as high as 7, and the same 3-day period saw the college A index at 43, 56 and 37.

The latest prediction shows more geomagnetic activity coming May 9-10, when the predicted planetary A index is 18, then 15. The USAF/NOAA prediction shows a planetary A index of 7 on May 6-8, 18 and 15 on May 9-10, 7 on May 11-12, and 5 on May 13-16, rising again to 15 on May 17, then 5 on May 18-25, and 12, 22, 18, 18 and 15 on May 26-30. The same prediction shows solar flux at 105 on May 6-8, 100 on May 9-13, and 115 on May 14-21.

Geophysical Institute Prague predicts quiet conditions on May 6-7, quiet to unsettled May 8, unsettled to active May 9, unsettled May 10 and quiet again on May 11-12.

Sunspot numbers for April 28 through May 4 were 71, 70, 76, 57, 51, 77, and 72, with a mean of 67.7. 10.7 cm flux was 110.4, 109.6, 109.5, 106.1, 109.8, 107, and 108.5, with a mean of 108.5. Estimated planetary A indices were 3, 12, 24, 19, 20, 13, and 6, with a mean of 13.9. Estimated mid-latitude A indices were 1, 8, 17, 13, 14, 8, and 3, with a mean of 9.1.

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WORLD RADIO LABS FOUNDER LEO MEYERSON, W0GFQ (SK)

Leo Meyerson, W0GFQ, of Omaha, Nebraska, passed away on Wednesday, April 13. He was 100. In 1935, Meyerson, an ARRL Life Member, founded Wholesale Radio Laboratories -- the forerunner to World Radio Labs -- in Council Bluffs, Iowa. For his contributions to Amateur Radio, Meyerson was named the 1997 Ham of the Year at the Dayton Hamvention.

In honor of Meyerson's 100th birthday, Chapter 154 of the Quarter Century Wireless Association (QCWA) hosted a birthday party for him and ran W0G as a special event station on February 24. QCWA National President Bob Roske, N0UF, requested that hams who would like to join the celebration send Meyerson a QSL card and write "Happy 100th Birthday, Leo" on it. Hams have told the ARRL that Meyerson received "hundreds, if not thousands" of birthday QSLs.

Meyerson collaborated with Jim Musgrove, K5BZH, on his autobiography, called *In Tune with Leo*. "Leo Meyerson is someone who really impressed me," Musgrove told the ARRL. "He may not have been tall, but he was certainly a giant of a man. Leo's interest in radio developed in 1920 at the age of 9. It was that year that KDKA in Pittsburgh, Pennsylvania first went on the air. As more broadcast stations hit the ether, Leo listened for them and logged the ones he heard. In 1924, Leo found a set of plans in a magazine that described how to build a breadboard transmitter. Leo -- already known as 'That Crazy Meyerson Kid' -- built one and put it on the air. No, it was not legal. He played the piano and records. That stunt earned Leo the distinction of being the first broadcast station in Council Bluffs. It also caused him to find two visitors at the Meyerson's front door who wanted to see the transmitter and advised him that he was operating illegally."

Musgrove recalled that a bit later Leo started removing turns off the plug-in coils on a receiver so he could listen to those higher frequencies that he had read about in magazines: "In 1927, he heard W9CHT, his first encounter with a ham. That experience really captured his attention. In 1928, Leo got his ham license, W9GFQ. In those days, there was no 0 call district."

Meyerson attended college in Lincoln, Nebraska, where he planned on a career as a musician; he was an accomplished piano and French horn player. "He had teamed with another young man, Leo Skalowski, and they called their act Leo and Leo," Musgrove explained. "They were on their way to achieving success, but one evening while waiting at the theater, Leo received a call that Skalowski had been killed in an auto accident. This hit Leo hard, and he ended his desire for a music career and quit school."

Meyerson returned home and began working in his father's grocery store; in January 1933, he opened his own store. Two months later, he married Helen Wolinsky. She passed away a few years ago. When the lease on his store expired, his father encouraged Meyerson to come back and work for him, but

he had been bitten by the electronics bug and decided to go into business selling things that radio amateurs needed.

"Leo spent a lot of hours and hard work to make it play, but WRL became a successful operation," Musgrove told the ARRL. "During World War II -- when Amateur Radio was shut down -- Leo and a friend Al Shideler, W9IFI, launched Scientific Radio Products to manufacture FT-243 crystals for Uncle Sam. It was a very successful operation and the crystals from that operation still surface at hamfests. After the war, Leo sold his interest to Al so he could focus on WRL again. Al took the operation across the river to Omaha and later to Loveland, Colorado. The last I knew, Al's son was still running it as Colorado Crystal Corporation."

WRL Manufacturing, a subsidiary of WRL, soon began offering the Globe line of sturdy, reliable AM/CW transmitters; these rigs used proven circuit designs with comfortable operating margins. All but the smallest beginner's rigs had full high-level AM modulation, and all but the massive Globe King 500 were available as a kit or wired.

In 1953, the company name was changed to WRL Electronics, and then to Globe Electronics in 1956. In 1959, the company was sold to Textron. Meyerson continued in the retail radio business with World Radio, getting back into manufacturing with Galaxy Electronics in 1962. This company was sold to Hy-Gain in 1970. Meyerson retired in 1977, dividing his time between Omaha and the California desert, and continuing as an active radio amateur until his death.

The Globe emblem first appeared on products made by World Radio Labs with the 1948 model Globe Champion transmitter. The early units produced 150 W input on phone or CW with coverage from 160-10 meters; the rig was a two section unit, complete with power supply. The RF section sold complete with tubes, power supply, panel and one set of coils as a kit for \$149, and wired for \$159. The speech amplifier and modulator sections were sold separately. This unit was the beginning of a long line of rigs from WRL Globe through the 1950s, including the Globe King, Globe Scout, Globe Chief and the first sideband rig, the Globe SideBander -- a double sideband transmitter.

"Leo provided a lot of help with emergency communications during a 1952 flood in Council Bluffs," Musgrove told the ARRL. "The Meyerson residence became a meeting place for about 100 people from such places as the Red Cross, Civil Air Patrol and the National Guard, as well as the police and fire departments. WRL loaned ham equipment to set-up some stations. More than 150 hams from 23 states helped assist."

The entire Meyerson family was and still is an impressive bunch and is very community-minded."

In 1964, Meyerson teamed up with his friend Hugh Tinley, K0GHK, to fly down to British Honduras to participate in the ARRL International SSB DX Contest. Musgrove said that Father Phil Pick, HR2FP, made arrangements for them to be housed, bedded and set up in a mountain retreat some 90 miles away from Belize City. Meyerson operated as VP1GFQ.

Funeral services are planned for Sunday, April 17 at 2 PM at the Temple Israel Cemetery Chapel in Omaha. -- Thanks to the following for information: Jim Musgrove, K5BZH; Joe Eisenberg, K0NEB; Brian Sherrod, W5AMI, and Hugh Stegman, NV6H

CALIFORNIA SUPREME COURT DECLINES TO HEAR ANTENNA ZONING CASE

The California Supreme Court refused to hear the antenna zoning case brought forth by Alex Zubarau, WB6X, of Palmdale, California -- with the assistance of his ARRL Volunteer Counsel Len Shaffer, WA6QHD -- after receiving a mixed decision by the California Court of Appeals earlier this year. The Supreme Court -- California's highest court -- handed down their decision on April 20.

In 2005, Zubarau applied for a building permit to erect an antenna support structure on his property. The City of Palmdale approved his request, and building permit in hand, Zubarau installed a 22 foot tall crank-up tower (with an ultimate height of 55 feet), but did not place an antenna atop the structure. He also installed a 23 foot tall mast on his house, for a total mast height of 43 feet; he installed an inverted-V on the mast. In January 2007, he placed a 4 element 20 meter SteppIR antenna on the crank-up tower, and the neighbors started complaining to the City.

ARRL Southwestern Division Vice Director Marty Woll, N6VI, said that the neighbors' assertions consisted of what he called "the typical complaints: aesthetic impact, diminution of property values and RF interference." The RFI complaints were general in nature; no direct evidence was shown of actual RFI, but the City's Planning Commission staff took the position that "based on anecdotal evidence presented by the homeowners, the transmissions occurring from the antenna are causing interference with electrical equipment in the surrounding neighborhood."

Woll said that after Zubarau installed the SteppIR in 2007, the City of Palmdale -- acting on a petition signed by almost 70 of Zubarau's neighbors -- voted to revoke Zubarau's original building permit after he had relied on it in putting up his tower. "In order to gain a continuance, Zubarau told the Planning Commission he would remove the SteppIR, in essence, reverting his antenna configuration back to the way to it was before he installed the antenna" Shaffer -- who put in hundreds of hours of time on this case at no cost to Zubarau -- said. "At the next hearing, he was ordered to remove not only the antenna, but the support structure, as well."

(CONTINUED ON PAGE 7)



News from the DX world

- ⇒ [PHILIPPINES, DU](#). Marc, ON5SM is QRV as DU9/ON5SM from Mindanao, IOTA OC-130, until May 18. QSL to home call.
- ⇒ [IRAN, EP](#). Mani, EP3MJ has been active on 15, 12 and 10 meters SSB beginning around 0800z. QSL via IK2DUW.
- ⇒ [TRINDADE AND MARTIM VAZ ISLANDS, PY0T](#). Junior, PY2ZA is QRV as PP0T from Trindade, IOTA SA-010, until sometime in June. Activity is on 160 to 6 meters using CW, SSB, RTTY and PSK. QSL via EB7DX.
- ⇒ [MACQUARIE ISLAND, VK0](#). Denis, ZL4DB is QRV as VK0M/ZL4DB/p for about three months. Activity is on the HF bands using only SSB. QSL via ZL4PW.
- ⇒ [OPERATION APPROVED FOR DXCC CREDIT](#). The following operation is approved for DXCC credit; Revillagigedo, 4A4A, 2011 operation.
- ⇒ [NEPAL, 9N](#). Sam, K0YAK is QRV as 9N7AK until July 4 while on work assignment at the US Embassy in Kathmandu. Activity is on 20 to 10 meters using SSB and PSK31 in his spare time. QSL to home call.
- ⇒ [IRAN, EP](#). Pooyan, EP3PK has been QRV on 20 meters using SSB around 1830z. QSL via IK2DUW.
- ⇒ [DOMINICAN REPUBLIC, HI](#). Ronny, ON4ARV is QRV as HI7/OT4R from Punta Cana until May 20. He is active on 20, 15 and 10 meters daily using SSB from 2000 to 2200z. QSL via operator's instructions.
- ⇒ [BULGARIA, LZ](#). Members of the Bulgarian Federation of Radio Amateurs are QRV with special event station LZ2011KM until May 31 to celebrate national St. Kiril and Methodius Day, the creators of the Cyrillic alphabet. Activity is on all bands and modes. QSL via LZ1BJ.
- ⇒ [CZECH REPUBLIC, OL](#). Members of the OK1KWM radio club are QRV using special event station OL950CHEB during May to celebrate the 950th anniversary of the city of Cheb. QSL via bureau.
- ⇒ [EUROPEAN RUSSIA, UA](#). Special event station R1945HS is QRV until May 31 to mark 66 years since World War II. QSL direct to RW6HS.
- ⇒ [BANGLADESH, S2](#). Nazim, S21B has been QRV using PSK on 20 meters around 1330z. QSL via KX7YT.
- ⇒ [POLAND, SP](#). Special event station SQ100MSC is QRV until July 31 to commemorate Maria Skodowska-Curie, the very first woman to win a Nobel prize in 1911 for chemistry. QSL direct via SP5XSL.
- ⇒ [CANADA, VE](#). Special event station VC2CQ85 is QRV till the end of May to mark the 85 years of the Club Radio Amateur de Quebec. QSL to VE2CQ.

Material for 'News from the DX world' is gleaned from various issues of the ARRL DX Bulletin and is ©2011, ARRL.

Local events needing our support

- ⇒ Breezeshooters Hamfest, June 5. Butler Farm Show Grounds, Route 68, Butler.
- ⇒ Pgh Vintage GP: July 23/24 (Schenley Park race weekend). Corky, N3MJP is the contact man for this detail and you can reach him at 724-217-5458.
 - ⇒ NHARC Hamfest, July 10. NEW VENUE: West View VFW, 386 Perry Highway, Pittsburgh 15201.
 - ⇒ Somerset County ARC Hamfest, July 17 @ the Somerset Technology Center. <www.k3smt.org>
- ⇒ Skyview Hamfest, August 28. ARRL WPA Section convention @ the clubhouse grounds. <www.skyviewradio.net>
- ⇒ Uniontown ARC GabFest, September 3rd, @ the Uniontown ARC clubhouse grounds. <www.w3pie.org>
- ⇒ Butler County ARC HamFest, September 11 @Unionville Fire Hall on Route 8 north of Butler. <www.w3udx.org>
- ⇒ Monessen Amateur Radio Club HamFest, October. (EXACT DATE UNAVAILABLE AT TIME OF PUBLICATION. I'll update when available.) Blaine Hill VFD, 409 Oxford Avenue, Elizabeth, PA. <<http://w3csl.org/>>
- ⇒ WACOM hamfest, November 6. Washington County Fairgrounds, 2151 North Main St. Washington, PA. <www.wacomarc.org>
- ⇒ ARRL Western PA. SET, October 29??

I'll confirm dates as we get closer to each event. Send any corrections & additions to me: <KQ3DX@hotmail.com>

The Steel City A.R.C Roster (as of Apr.)

AA3EE DAVE
AB3KD JAY
AE3JM JASON
A13J MARK
AK3J STEW
DC3RJ JUERGEN
K3GJS HARRY
K3JHT JOHN
K3LAB DOUG
K3RYA BILL
KA3JKS SUE
KA3LIW DEAN
KA3MSE LLOYD
KA3MXQ ALAN
KA3YNO WALT
KB3GMN CAROL
KB3LY ELLIOT
KB3NZX BOB
KB3ORO JOYCE
KB3PNE COLIN
KB3RUK JIM
KB3SVF GARY
KB3UEE MIKE
KB3VHT JOHN
KT3L DOC
N3DQ DELLA
N3DxE BILL
N3EKL JOHN
N3EQP JOHN
N3EVM BOB
N3GHI BRUCE
N3GHO GLORIA
N3SAF LEE
N3SBF RITCHIE
N3UUZ CHUCK
N3VEF BILLY
NB3C GREG
NU3Q BOB
NU3S AL
W3BC JOE
W3HH DOUG
W3JQJ MATT
W3LA LEN
W3MAC MAC
W3MHY STAN
W3SVJ NATE
W3UOH JACK
W3WTW TIM
W6LAC BOB
WA3BKD ART
WA3FWA JOE
WA3PYU MIKE
WA3RVD MEL
WA3TTS MIKE
WA3VXJ KARL
WA8NLX RICK
WB3AGB JOE
WB3CRC DALE
WB3HDI BOB
WQ3T DAVID

Mike, WA3TTS is currently accepting E-Mail requests for his 1296MHz beacon. If you're interested in listening for it, send Mike an E-Mail with your grid square locator: <WA3TTS@verizon.net>

Congratulations to Mike, KB3UEE, who is now W3CRO. Mike decided to go with something a little easier to say and not have to repeat! Congrats, Mike from the gang!

National news briefs (from page 5)

CALIFORNIA SUPREME COURT DECLINES TO HEAR ANTENNA ZONING CASE (CONTINUED)

After Zubarau exhausted his administrative remedies, he challenged the action in the courts, aided by Shaffer. A court date was set for February 2009. On February 6, 2009, Los Angeles Superior Court Judge David Yaffe issued a ruling in favor of Zubarau. According to Shaffer, the Superior Court's ruling invalidates the actions of the City in revoking Zubarau's permit and requires the City to allow him to replace the tower.

In January 2011, the California Court of Appeals, Second Appellate District, issued its Opinion in Zubarau's case. The Court found that the Palmdale antenna ordinance, as it pertained to the height limit for vertical antennas, was "unenforceable" because it allowed a radio amateur to have a vertical antenna up to 75 feet high when measured from the ground but limited the "active element of the antenna array" to 30 feet. The ordinance did not define "array" or "active element" and did not specify from where the 30 permitted feet for such "array" was to be measured. The Court found that if even one reasonable interpretation of the ordinance could be found, the ordinance could be upheld, but that in this case, no one could understand what the limitations were and how they could be applied. That portion of the City's ordinance was therefore unconstitutional and unenforceable.

The Court also held that the ordinance was unenforceable to the extent that it attempted to regulate radio frequency interference. The City maintained that it could regulate RFI, but the Court, citing case law and argument in ARRL Amicus Curiae brief, held that only the FCC could regulate RFI. Any State or municipal law that attempts to regulate RFI is preempted.

But the Court held that Palmdale properly ordered Zubarau to remove his permitted 55-foot crankup tower. The Court opined that the small, VHF/UHF vertical on the roof constituted "reasonable accommodation" under PRB-1 and California PRB-1 statute (California Government Code Section 65850.3). The Court said that leaving Zubarau with a VHF/UHF antenna constituted a reasonable accommodation because it allowed him to be active in some part of Amateur Radio. There was no analysis of the "minimum practicable regulation" test in PRB-1 and the California statute, so that part of the three-prong PRB-1 test was left unexamined. The Court of Appeals said they thought this was a reasonable accommodation because it allowed Zubarau to be active in some part of Amateur Radio. At the time, Shaffer called this decision "troubling." It was this matter that Zubarau and Shaffer hoped the California Supreme Court would review.

SILENT KEY: JAMES MCLAUGHLIN, WA2EWE/T6AF, KILLED BY AFGHAN PILOT

James McLaughlin, WA2EWE/T6AF, was killed in Kabul, Afghanistan on Wednesday, April 27. News sources say that eight American troops and a US contractor died Wednesday after an Afghan military pilot opened fire during a meeting in an operations room of the Afghan Air Corps at the Kabul airport -- the deadliest episode to date of an Afghan turning against his coalition partners, officials with the NATO-led International Security Assistance Force (ISF) in Afghanistan said. McLaughlin -- a retired US Army Lieutenant Colonel -- was a contractor serving as a flight instructor for Afghan pilots.

Licensed since 1972, McLaughlin was a career US military officer. Bob Magnani, K6QXY, told the ARRL that McLaughlin was just in the US a week ago, visiting his family: "His son Adam, KD6POE, works for me. He told me that his dad had been in Afghanistan and Iraq many times over the past few years, most currently serving as a flight instructor." McLaughlin posted on his qrz.com page that "almost every day, I operate at around 1230 - 1430 UTC. Sometimes I am QRV until around 1500 UTC."

Steve Herman, W7VOA/T6AD/HL90A -- currently in Seoul, South Korea -- remembers meeting McLaughlin for the first time. "I first met Jim in August 2009 when we were the only two hams operating in Kabul," he wrote in an e-mail. "We exchanged tips on operating in our unusual environment. Jim had put together a fine radio shack in his quarters and was especially enthusiastic about his RTTY and PSK capabilities, as well as the ladder line-fed wire dipole he had managed to string up at a height of 50 feet through some trees.

"Less than 24 hours after our initial discussion, a suicide bomb went off in Kabul near the spot where we had arranged to meet. The blast killed seven people and injured nearly 100. The explosion site was also close to Jim's QTH and it blew out windows in his residence adjacent to the US Embassy. It was obvious from spending time with Jim that ham radio was an important morale-boosting pastime and he usually spent a couple of hours per day QRV, logging thousands of QSOs." As of March 26, 2011, McLaughlin had logged 4359 QSOs, most of them on RTTY and PSK.

McLaughlin was also an active MARS operator. "He was one of our most dedicated MARS members in Army MARS Region 11," Dan Wolff, KA7AGN/DL4VCW/AEM1WF/AEA1RD, told the ARRL. Wolff is the MARS Region 11 Director. "He relayed and delivered literally hundreds of MARSgrams every year for our region. I've known him for many years and he was always devoted to supporting our deployed service members. He will be deeply missed on MARS circuits and the ham bands as well." -- Thanks to Russ Bentson, K6KLY, CNN and Fox News for the information

Material for the 'National news briefs' column is gleaned from various issues of the ARRL Bulletin and is ©2011, ARRL.

SPACE WEATHER PREDICTION CENTER TO DISCONTINUE WWV BROADCASTS

Beginning Tuesday, September 6, the Space Weather Prediction Center (SWPC) will cease broadcasting its geophysical alert message on WWV and WWVH. These messages inform listeners of the solar flux, the mid-latitude A and K indices and space weather storms, both current and predicted. Currently, the message is heard on minute 18 from WWV and minute 45 from WWVH. The information will still be available on the SWPC website. If you care to comment on this, or if you have any questions, the SPWC -- part of the National Weather Service (NWS) -- would like to hear from you. E-mail them at: <swpc.wwv@noaa.gov>.



Well?.....Whaddaya think?????



PICS COURTESY OF NB3C & WB3HDI

Work has really picked up in the last month or so on the VHF Studio. A fresh coat of paint, some paneling and chair-rail makes a world of difference in brightening up the room! The plan is to have it done by the end of May.

Me personally, I really like the paint job. The panel looks nice too, but the paint job really brings the whole room alive. (HAH.....Maybe that's because Ye Olde Editor did the painting.....)

Thanks to all who contributed (and still are) to the remodeling. I'll let the pictures do the talking.

My Chats with Leo, W0GFQ (by Walt Kvasnik, W0WAK)

Leo Meyerson, W0GFQ, became a silent key in March passing away at age 100. W0GFQ was the driving force behind World Radio and Galaxy Manufacturing Company and a true pioneer in amateur radio. Leo was owner and President some 40 years ago of World Radio, a large supplier of amateur radio equipment & electronic parts & antennas purchased by amateurs throughout the world.

I was in Omaha in 1993 to visit relatives. My brother-in-law suggested the Western Heritage Museum as a destination for us while our wives went shopping. During our visit I noticed a section with a sign that said "Leo Meyerson Radio Collection". It was locked, so we could not get in. When we asked Security how we could see it, they gave me a phone number. When I called the number, Leo answered and said he would be there in 15 minutes.

Less than 20 minutes later a short balding fellow approached us and introduced himself as Leo Meyerson. Within minutes it was like we had always known each other. He guided us through the radio collection giving us a blow-by-blow account of problems and successes he had with different situations in the manufacturing and selling of his products. It was about 2 hours of thrilling discussions with Leo. He offered to take us out for lunch and treat us. When we finished lunch we parted company after exchanging phone numbers and addresses. We stayed in touch until about 2 years ago. Leo lived in the Omaha/Council Bluffs area during the summer and wintered in California. His children are spread throughout the country.

A little known fact about Leo is that he almost single handedly put together a whole section of the collection of Ham Radio equipment at the Western Heritage Museum in Omaha, Nebraska. This collection of radios and equipment traced the development of amateur radio from The De Forest audion tube through its growth to present times. The display was donated by Leo and many of his friends and other radio collectors. The collection at present has over two hundred radios, a Spark Transmitter, Crosley Pup, & both Globe and Galaxy equipment. The museum has over 5000 receiver and transmitter tubes and many other items of radio interest.

About 10 years ago I suggested that he come to the Twin Cities for a visit, and while here give a program to the TCFMC. He said it was a distinct possibility, but because of health issues, it never came about. Leo was one of the real gentlemen in our hobby. I would call him several times a year to say hello and he always had time to talk with me and the call seldom was less than 10 minutes.

We lost a grand person when Leo W0GFQ passed away in March. His contributions to our hobby both as a ham and his commercial endeavors will be hard for anyone to match, and as a gentleman he will probably never be matched. I will miss my chats with Leo.

73 my friend, de Walt, W0WAK

There's a first time for everything.....

You @#\$%&!

I'll never forget the first and only time I swore on the air. I still have feelings of guilt about it, even as I write this, and even though it was well over twenty years ago.

We're taught as hams that Section 97.113 prohibits "obscene or indecent words or language". Never in a million years did I think I would ever violate that part of the regs. But it did happen.

One morning I was driving to work on a road called Crafton Boulevard, which despite its grandiose name is barely wide enough for two cars to pass. I'd recently rigged up my 2-meter handheld with a mag mount and a cigarette lighter plug so I could operate mobile. I was having a chat with Ellis, W3PDK, "formerly of this parish", on the 147.03 repeater, and I had just keyed up because it was my turn to talk.

Suddenly this, ah, less-than-courteous motorist cut me off by turning left directly in front of me from the opposite direction. I missed him by literally inches. I let go with a pretty good-sized invective string, quite as a reflex. I immediately apologized to Ellis and he laughed it off of course, but I was devastated. Who knows if anyone else was listening that early in the morning. I felt about two inches tall.

When we're on the air, and at ease with our conversation, our guard is down, as mine was that day. Just goes to show you what can happen. But I still think about that moment and recoil in horror, not because the offense was so grievous, but because I was not in control.

Anyway, yes I laugh about it now, and I'm sure Ellis would too. But it left an indelible mark on me and my future operating habits. From that day on I chose my words carefully and have always tried to stay in control.

But don't you dare @#\$! me off or I'll %@#\$, you \$%&*.

Oh by the way, I don't go on 75 meters at all.

73, Doc, KT3L



Congratulations to all those who came up to the club to participate in the 2011 Breezeshooters Ground Wave SSB Contest. Because of your efforts, the club placed first in the club category! We beat out Skyview and Uniontown! Well done, gents!

At our last business meeting on April 19, Mike WA3PYU gave a short presentation on ARES/RACES and where Steel City ARC fits into these organizations. ARES stands for Amateur Radio Emergency Service, which is owned by the ARRL and administered from their headquarters in Newington Connecticut. They divide the US into fifteen divisions each being led by a Director who is elected by the ARRL members of that Division. Ours being the Atlantic Division led by Bill EDgar, N3LLR. These Directors are those that make up the ARRL Board of Directors. A vice Vice Director is also elected to represent the Division. Our Vice Director is Tom Abernethy, W3TOM. The Directors and Vice Directors set policy at the Headquarter level.

Divisions are divided into Sections, which may encompass all or part of a state. There are seven Sections in the Atlantic Division, ours being the Western Pennsylvania Section. Our Section Manager (SM) is John Rogers, N3MSE. Our Section Emergency Coordinator (SEC) is Larry Keller, AB3ER. Each Section is divided into counties with an Emergency Coordinator (EC) appointed. The Allegheny County EC is Joe Sciuilli, KA3TDQ. Each EC appoints various Assistant Emergency Coordinators (AEC) as he/she deems necessary. Jerry Silverstein, K3FKI is the Chief Operator Allegheny County EOC and is serving as Joe's assistant. The Amateur Radio station at the Allegheny County EOC is K3EOC.

RACES is the acronym used for the Radio Amateur Civil Emergency Service, which is a protocol created by the Federal Emergency Management Agency (FEMA) and the Federal Communications Commission (FCC) covered under FCC Part 97, Section 407 of the FCC Regulations. RACES involves Amateur Radio Operators. Many state government agencies established the Auxiliary Communications Service (ACS) which involves other radio services besides Amateur Radio but it follows the RACES protocol. The Pennsylvania Emergency Management Agency (PEMA) administers ACS in PA through the state RACES organization. Each county has designated RACES members who are appointed by that counties Emergency Manager (EM) that heads that counties Emergency Management Agency (EMA). There are five Amateur operators in Allegheny County (AC) that are recognized by PA ACS. KA3KSP, KB3FXI, NU3Q, WA3PYU and WB3DHF.

While Steel City ARC (W3KWH) is not on that list, we are listed as an official relay station in the RACES/ACS network. We are also listed as an Official Emergency Station in ARES and an Official Relay Station in the National Traffic System (NTS). ARES and RACES/ACS are two distinct organizations. For RACES purposes, W3KWH would serve as a relay between the Allegheny County EOC and PEMA through RACES/ACS. For ARES we would serve as a relay between adjacent counties within the WPA Section. We might also serve as a relay between AC EOC and various served agencies within the county such as the Red Cross, Salvation Army or National Weather Service (NWS). There is also the possibility of relaying NTS traffic into or out of Allegheny County. If activated by PEMA, notice would come through Mike, WA3PYU. If activated by ARES, notice would come through Larry AB3ER, or Joe KA3TDQ or Jerry K3FKI. In either case, notice would come through the designated emergency repeater, W3EXW 147.09 MHz of the North Hills ARC or the designated back up emergency repeater, WA3PBD 146.73 MHz of the Gateway FM Association. Thus, we should always monitor these frequencies.



Mike, WA3PYU, making his presentation at the April business meeting on how SCARC fits into the ARES/RACES picture.

THANKS TO BOB, NU3Q
FOR THE PICTURE,
AND THANKS TO
LLOYD, KA3MSE FOR
THE ARTICLE.

IOTA celebrates 50 years

The year 2014 marks the 50th anniversary of the launch of the Islands On The Air (IOTA) Programme by British SWL Geoff Watts, BR5-3129. As a build-up to our celebrations on this occasion, the RSGB IOTA Manager and Committee announce an exciting activity period in which all licensed amateurs world-wide are invited to participate.

For a two-year period during 2012 and 2013, IOTA chasers are encouraged to contact as many different IOTA groups as possible, and IOTA activators to play their part by operating from as many groups as possible, with special emphasis on the less-frequently activated ones. The points system adopted rewards 'Activators' with higher scores for activating the rarer IOTA groups. Certificates and awards will be available to both 'Chasers' and 'Activators' to reflect attainment of graduated bands of performance together with attractive prizes for top scorers.

The challenge provides a level playing field for everyone, whether they are complete newcomers to IOTA or are holders of the prestigious IOTA 1000 Islands Trophy, because everyone starts with a clean slate on 1 January 2012.

We hope that all our readers will consider ways in which they can support this event. We would like to see work starting now to schedule activity from as many IOTA groups as possible throughout the 24 months.

Let us target 500 groups initially in the hope and expectation of being able to raise this higher as the Marathon progresses.

The full rules of the IOTA 50th Anniversary Marathon can be seen on G3KMA's website at <<http://www.gkma3.ds1.pipex.com/>>. They will be uploaded to the RSGB IOTA website at <<http://www.rsgbiota.org/>> shortly when key personnel return from Visalia.

Best regards;
Roger

Joint Marathon Managers
- Roger Balister, G3KMA, RSGB IOTA Manager
- Steve Telenius-Lowe, 9M6DX

T6PSE DXpedition cancelled



The Intrepid-DX Group has been planning for many months to conduct a large multi-national DXpedition from Kabul, Afghanistan as T6PSE. We had been receiving advice and assistance from Jim McLaughlin WA2EWE/T6AF, who was killed in Kabul earlier this week. The Taliban subsequently announced their "Spring Offensive". Last week, President Obama announced the killing of Osama Bin Laden.

Given these circumstances, and with careful consideration, we have decided to cancel our plans for a DXpedition from Afghanistan. There is just too much uncertainty in the region for us to continue to move forward with our plans. In the next several weeks, I will refund all donor/sponsor monies that have been given to support our plans.

Thank you, Paul S. Ewing-N6PSE, Co-Leader T6PSE DXpedition

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8MM	DL6UAA	FK8GX	W3HNM	RG50C	RA4CEO	E7DX	E77E	ZM3T	ZL3TE
3DA0MF	ZS6AAG	FP5BZ	F5TJP	RG50D	UA3FA	EA9EU	EA5KB	ZP9EH	K5WW
3G3P	CE3PG	GB0MPA	GW0ANA	RG50F	RT3F	EB8AH	EA8ZS	ZS6CCY	K3IRV
3V1A	YT1AD	GM5X	N3SL	RG50K	RW4HB	ED1A	EA1AST	ZS6TQ	K3IRV
3W7W	W3HNM	GS4MWS/p	M0PAI	RG50P	RA9FDR	ED1T	EA1HLH	ZS9Z	ZS10IN
3Z100MSC	SP8AQA	GW5R	GW3YDX	RI1ANC	RN10N	ED2C	EA2RCF	ZW40	PY40G
4H1T	DU1IVT	GW9T	GW6NLP	RW0AJ	W3HNM	ED2V	EA2CJ	ZW5B	K3IRV
4H9RG	DU9RG	GZ5Y	GM4SSA	S520SCC	S57U	ED5K	EA5RKB	ZW8T	PS8HF
4J0LH	4J5T	H22H	5B4MF	S520SLO	S57U	EE1A	EA1HDD	ZX5J	AI4U
4L1MA	ON4RU	H2E	5B4AGE	SN0MD	SP1PNW	EE3A	EA3ATM	ZX5ZZ	PY5PDC
4L4ZA	DJ1CW	H2T	5B4XF	SN2B	SP2PI	EE3EA	EA3HIF		
4M5IR	YV5KG	HD2A	EA5KB	SN2Q	SP2HYO	EE3T	EA3DTD		
4W3A	M0OXO	HF800Z	SP6CES	SN3A	SP3GEM	EE5J	EA5YJ		
5B/US7IDX	RN3QO	HG200LST	HA5GY	SN3S	SQ3LVO	EE7R	EA7FTR		
5B4AIF	EB7DX	HQ9R	K5WW	SN3X	SP3SLA	EF20	EA2A00		
5C5W	EA5XX	HS0AC	HS0ZFZ	SN5N	SP5KP	EF5K	EA5KB		
5D5A	I2W1J	HS0ZDG	K4YT	SN5V	SQ5EBM	EF7A	EC7ABV		
5F6SIA	G5XW	HZ1AN	DJ9ZB	SN7H	SP7PHP	EF7V	EA7HHV		
5H3CMG	ZR6CMG	HZ1FS	EA7FTR	SN7Q	SP7GIQ	EG5CI	EA5EOR		
5H3EE	DL4ME	HZ1PS	IZ8CLM	SN7S	SP7IDX	EH30	EA3GEG		
5M2TT	I2YSB	IF9A	IT9ATF	SN8B	SP8CUR	EI6DX	RX3RC		
5N4EAM	IK2IQD	II1ECO	IZ1KIM	SN8F	SP8FHK	EI7M	EI6HB		
5N7M	OM3CGN	II5P	IZ5ICH	SN8R	SP8ONJ	EN50UG	UX5U0		
5P3WW	DL1YAW	II9K	IT9HBT	SN9U	SP9UMJ	EV7B	EW7BB		
5R8FL	G3SWH	II9T	IT9ESW	SN9W	SP9KTL	EW6GF	DL8KAC		
5R8FU	SM5DJZ	IO4C	IZ4DPV	S0100MSC	SP2FAP	FH4V0S	DL7BC		
5R8UI	IZ8CCW	IO4UI	I4JEE	S02R	SP2PI	FK8DD	LZ1JZ		
5T0JL	ON8RA	IO50	IK5RLP	S03RM/1	DL2JRM	OA4TT	N6XQ		
5V7BR	F2VX	IP2XX	IK2DUW	S06I	SP6JIU	OD5PY	KU9C		
5W0JK	W2IJ	IQ1RY	IK1HXM	S07A	SP7MOC	OG0Z	W0MM		
5W0QQ	N7CQQ	IR2CUI	IQ2ER	S08A	SP8YB	OH0YY	OH2YY		
5W0X	W9IXX	IR2M	IZ2FDU	S08N	SP8KAF	OH0Z	W0MM		
5Z4ES	K3IRV	IR4C	IZ4NIC	S09G	SP9DTE	OK6Y	OK2PTZ		
5Z4KI	Y09AFH	IR4M	I4IFL	SP100MSC	SP2JMR	OK7Y	OK1FDY		
7S0X	SM0MDG	IR4X	I4EAT	SU1HZ	F4FJH	OL1911VP	OK1DRQ		
8P5A	NN1N	IR6T	IK6VX0	SX1L	DL1JJC	OL2011VP	OK1DRQ		
8P9CW	W5PF	IR7ITA	IK7JWX	SX5P	SV5FRD	OL4A	OK1DSX		
8P9PF	W5PF	IR9W	IW0HBY	SZ3P	SV3DCX	OM2011IHF	OM5CD		
8P9UU	W5PF	IR9Y	IT9ABY	T6TL	N6FF	OM5M	OM2RA		
9A25TA	9A3TA	IU9A	IT9SSI	T88TW	JE8NTJ	OT5A	ON7LR		
9K2GS	EA5KB	IY4FGM	IK4UPU	TC2J	YM7KK	OU5A	YT2T		
9K2K	EA5KB	IY4R0	F8DFP	TC3C	TA3HM	P29CW	VK2IR		
9L5MS	PA3AWW	J5UAP	HA3AUI	TC7TC	TA1HZ	P29VCX	SM6CVX		
9Q6CC	CX2CC	J6/W0SA	8P9NX	TJ3AY	F5LGE	P40L	WA3FRP		
9V1YC	W5UE	KG4EM	KB7GJ	TL8CG	IK1APO	P40M	W3HNM		
9Y4SRR	KD4UDU	KH0/KH7ERI	JF1VGZ	TM300CDXC	F51L	PJ2T	N9AG		
A5	JH1AJT	KH0/WN1Y	JF1VGZ	TM95BV	F6KUP	PR5B	PY2BW		
A60A	NI5DX	KL7J	N3SL	T05A	F5VHJ	PT50	PP5KR		
B1Z	EA7FTR	KP2M	AI4U	U5ARTEK/A	UT7UT	PT5T	PP5EG		
B7M	BG7LHY	KP2TM	AI4U	UK8FF	W3HNM	PT6TS	PY6KY		
BJ8TA	BA1DU	KP3Z	N4AO	UN1L	W3HNM	PV2P	PY2DY		
CA3KHZ	EA5KB	KP4WW	W3HNM	UP4L	UN7LZ	PX2V	PY2KJ		
CE1A	XQ1KZ	L73D	EA5KB	UP9L	RW6HS	R1961G	RV3LZ		
CE3G	CE3WDH	L90AA	LU4AA	UQ50P	UN7PL	R3K	RN3DK		
CN2BC	DL7BC	LP1H	EA5KB	V3M	WB2REM	XU7ACY	W2EN		
CN3A	I2W1J	LQ5H	EA5KB	V85AVE	W3HNM	XU7FMZ	JA1FMZ		
CO2IZ	EA1EAU	LR2F	LU2FA	VC2B	VE2BR	XU7SSB	XW0A		
CP6AA	IK6SNR	LR4E	EA5KB	VC3Z	VE3MIS	XV2RZ	OH4MDY		
CQ3L	DJ6QT	LS1D	LW9EOC	VC6X	VE6BF	XV2W	W6NWS		
CQ8X	OH2BH	LT1F	AC7DX	VP2EH	N5AU	YB0AKM	EA7FTR		
CR2T	CU2AF	LT4S	LU8SAN	VP9HE	W2AF	YB8FL	EA7FTR		
CR3A	CT3EE	LT5X	WB9EWK	VP9I	N1HRA	YN2ER	N5ET		
CR3L	DJ6QT	LV6D	EA5KB	VQ51V	W5CW	YN2ET	N5ET		
CR5ED	CT1ETE	LX0RL	LX1KQ	VR2RJ	JH1BED	YN2MG	N5ET		
CS2C	OK1RF	LX7I	LX2A	VU2PEP	W3HNM	YW5T	YV5JBI		
CV5D	CX2ABC	LX8RTTY	LX1DA	WP2Z	KU9C	Z21BB	W3HNM		
D2AM	OM5AM	MD2C	MD0CCE	WP3C	W3HNM	Z23MS	UA3DX		
D2CQ	CT1IUA	MM1REK/P	M3REK	XP1A	OZ1ACB	ZD8PRL	M0PRL		
D2QV	UT0EA	MW5A	G3TXF	XR3P	CE3PG	ZF1A	K6AM		
D2SG	GM4FDM	M0URW	M0URX	XR6T	CE3FED	ZF2AE/ZF8	AS5UK		
DK150RB	DL1SBF	NH6P	KH7Y	XU7AAA	XW0A	ZF2LC	W2SM		

QSL RECEIVED VIA
LoTW: 9H1SP, C6AKU,
CR6A, CT3MD, D2SG,
DK1MAX, DL4FBZ,
ED8A, EW7KF, F4HKA,
G10RQK, GM4FDM,
HB9CVQ, HI3TEJ,
HK1MW, HK1NK, HK1R,
HK1T, HK30, IG9/
IW9ELR, IZ5AXA,
IZ0HPX, J79M, JO1COV,
KH7X, MU0FAL, OE5FIN,
ON5GQ, R7BN, RG4F,
RN4ABD, RU3ZX,
SM2EKM, US0LW,
VK4ADC, YN2ER, YN2ET
and ZS1EL

QSLs RECEIVED VIA
MAIL: 3DA0GF, 4L1MA,
4S7NE, 5B/UT0U,
7Z1TT, A73A, D44BS,
DU1IST, E51CG, EP2M-
KO, ET3SID, FG5FR,
HC1MD/HC4, HL3ERJ,
J88DR, JA1LZR, JT5DX,
JY4NE, LX1DA, MJ/
K3PLV, P4/W1HEO,
P40D, PZ5RA, R11FJ,
RW6HS, S9DX, SV9/
DJ7RJ, UA2FCB, V25OP,
V47KP, VK9CF, VK0KEV,
XE2WWW, XV2RZ,
ZA1G, ZD9T and ZF2LC

QSLs RECEIVED VIA
THE BUREAU: 9M8DX/2

QSL EO66JM VIA K2PF
DIRECT OR LOTW
QSL 5Z0H VIA HIS QSL
MANAGER IZ8VRH

Many thanks to the
425 DXNews and
the OPDX Bulletin
(KB8NW/OPDX/
BARF80) for per-
mission to reprint
their QSL info here.



April 2011
 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

May 2011

The Steel City ARC May Contest/Event Planner

June 2011
 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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 WASH 2M Net AGCW QRP/QRP Party FL QSO Party QRP To The Field	2 Breezeshooters Net GPVHF Business Meeting RSGB 80m Club Champ. SSB	3 WACOM 2M Net Skyview Business Meeting WACOM 10M Net 222 Tuesday	4 SCARC Social Nite NHARC Business Meeting Alleg Co ARES Net 144 Wednesday MIE 33 Contest	5 WACOM Business Meeting MIE 33 Contest	6	7 Araucaria VHF Test 10-10 Int. Spring Test CW CQ-M International DX Test 7th Call Area QSO Party IN QSO Party New England QSO Party ARI Int'l DX Test
8 Araucaria VHF Test 10-10 Int. Spring Test CW CQ-M International DX Test 7th Call Area QSO Party IN QSO Party New England QSO Party ARI Int'l DX Test	9 Breezeshooters Net NAQCC-EU Monthly Sprint	10 WACOM 2M Net WACOM 10M Net 222 Tuesday	11 SCARC Social Nite Alleg Co ARES Net 144 Wednesday RSGB 80m Club Champ. Data	12 WASH Business Meeting	13	14 FOC QSO Party EUCW Fraternizing CW QSO Party VOLTA WW RTTY Contest FISTS Spring Sprint
15 PITTSBURGH MARATHON WASH 2M Net EUCW Fraternizing CW QSO Party VOLTA WW RTTY Contest WAB LF Phone	16 Breezeshooters Net	17 SCARC Business Meeting WACOM 2M Net WACOM 10M Net 222 Tuesday	18 Alleg Co ARES Net 144 Wednesday	19 NAQCC Straight Key/Bug Sprint RSGB 80m Club Champ. CW	20 Dayton Hamvention	21 Dayton Hamvention His Maj. King of Spain Test CW Baltic Contest Manchester Mineira All America CW Test
22 Dayton Hamvention WASH 2M Net His Maj. King of Spain Test CW Baltic Contest Manchester Mineira All America CW Test	23 Breezeshooters Net	24 WACOM 2M Net WACOM 10M Net 222 Tuesday	25 SCARC Social Nite Alleg Co ARES Net 144 Wednesday	26	27	28 CQ WW WPX Test CW WASH Breakfast
29 CQ WW WPX Test CW WASH 2M Net ARCI Hootowl Sprint	30 Memorial Day Breezeshooters Net MI QRP Memorial Day CW Sprint	31 WACOM 2M Net WACOM 10M Net 222 Tuesday				

Complete contests list: <www.hornucopia.com/contestcal/contestcal.html>
 & <www.sk3bg.se/contest>

May 2011
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 2011

The Steel City ARC June Contest/Event Planner

July 2011
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>SCARC Social Nite</i> <i>NHARC Business Meeting</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>	2 <i>WACOM Business Meeting</i>	3	4 <i>10-10 PSK Test</i> <i>Wake Up QRP Sprint</i> <i>SEANET Test</i>
5 <i>Breezeshooters Hamfest</i> <i>WASH 2M Net</i> <i>10-10 PSK Test</i> <i>SEANET Test</i>	6 <i>Breezeshooters Net</i> <i>GPVHF Business Meeting</i> <i>RSGB 80M Club Champ</i> <i>Digi</i>	7 <i>WACOM 2M Net</i> <i>Skyview Business Meeting</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	8 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i> <i>NAQCC-EU Sprint</i>	9 <i>WASH Business Meeting</i>	10	11 <i>ARRL June VHF QSO</i> <i>Party</i> <i>Portugal Day Test</i> <i>VK Shires Test</i> <i>Asia-Pacific Sprint</i> <i>GACW WWSA CW DX</i> <i>REF DDFM 6M Test</i>
12 <i>ARRL June VHF QSO</i> <i>Party</i> <i>WASH 2M Net</i> <i>VK Shires Test</i> <i>GACW WWSA CW DX</i> <i>REF DDFM 6M Test</i>	13 <i>Breezeshooters Net</i> <i>ARRL June VHF QSO</i> <i>Party</i>	14 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	15 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i> <i>NAQCC Straight Key/Bug</i> <i>Sprint</i> <i>RSGB 80M Club Champ</i> <i>CW</i>	16 <i>SARL Youth Day Sprint</i>	17	18 <i>All-Asian DX CW Test</i> <i>Kid's Day Test</i> <i>AGCW V/UHF Test</i>
19 <i>WASH 2M Net</i> <i>All-Asian DX CW Test</i> <i>WAB 6M SSB Test</i>	20 <i>Breezeshooters Net</i>	21 <i>SCARC Business Meeting</i> <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	22 <i>Alleg Co ARES Net</i> <i>144 Wednesday</i> <i>NAQCC Straight Key/Bug</i> <i>Sprint</i>	23 <i>RSGB 80m Club Champ</i> <i>SSB</i>	24	25 <i>ARRL Field Day</i> <i>WASH Breakfast</i> <i>His Maj. King of Spain Test</i> <i>SSB</i> <i>Ukrainian DX DIGI Test</i> <i>Marconi Memorial HF Test</i> <i>ARCI Milliwatt Field Day</i>
26 <i>WASH 2M Net</i> <i>His Maj. King of Spain Test</i> <i>SSB</i> <i>Ukrainian DX DIGI Test</i> <i>Marconi Memorial HF Test</i> <i>ARRL Field Day</i> <i>ARCI Milliwatt Field Day</i>	27 <i>Breezeshooters Net</i>	28 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	29 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>	30		

Complete contests list: <www.hornucopia.com/contestcal/contestcal.html>
& <www.sk3bg.se/contest>

57th Annual

LARGEST HAMFEST IN THE TRI-STATE AREA

BreezeShooters

THIS IS AN ARRL SANCTIONED HAMFEST

HAMFEST 2011 and COMPUTER SHOW

Web Site <http://www.breezeshooters.net>

Email: hamfest2011@breezeshooters.net

General Hamfest Chairman : **Bob Benna N3LWP (412) 366-0488**

BUTLER FARM SHOW GROUNDS

SUNDAY * June 5, 2011 * 8 A.M. to 3 P.M.

TABLE SELECTION ON A FIRST COME FIRST SERVED BASIS, SO APPLY TODAY!

Indoor Tables are **\$20.00 per table** and may be reserved by contacting Bob Benna, N3LWP (412) 366-0488 Fax (412) 366-0486 or mail to : P.O. Box 101018; Pittsburgh, PA 15237 - Table reservation **Cut-off Date May 20th**

PRIZES

(All prizes subject to availability)

Main Prize Drawing at 3:00 pm --

Winners need not Present for Main, Computer or IPAD drawings.

1st Kenwood TS-590 160m-6m

2nd Yaesu FT-857 160m-440Mhz Mobile

3rd Yaesu FT-7900 2m & 440Mhz Mobile

4th MFJ 259B Antenna Analyzer

5th LDG AT-100 Pro Antenna Tuner

6th Icom V8000 2m Mobile

7th Buddy Pole Antenna

8th Heil Pro Set HC5

9th \$150 KJI Gift Cert.

10th \$100 Cash Prize

11th Diawa CN-101 Cross-needle Wattmeter

12th \$50 Cash Prize

Computer Drawing: **Now Two Prizes:** 1st Dell Laptop, Intel, 17" Display, 3 GB RAM, 250 GB, DVD+/-RW, Wireless LAN
2nd DV-Dongle USB D-Star Adapter

NEW ! Apple Wi-Fi iPad Drawing: Only 200 tickets will be sold at \$5 each. (No discount applies)
These tickets will be available at local hamfests prior to the Breezeshooters Hamfest. Check www.breezeshooters.net for locations.

Ten half hour prizes consisting of 2 meter Handhelds (winner must be present)

Icom, Yaesu, Kenwood & MFJ prizes from K JI Electronic

** \$5.00 PER PERSON **

Includes Misc. small prize drawings during the Hamfest.

ADMISSION DONATION

CHILDREN UNDER 12 YEARS OF AGE ADMITTED FREE

TAILGATE/FLEA MARKET
SPACES AVAILABLE AT
\$5.00 PER SPACE

FARM SHOW GROUNDS OPEN AT
5:00 P.M. SATURDAY JUNE 4, 2011
FOR VENDORS AND TAILGATER SETUP

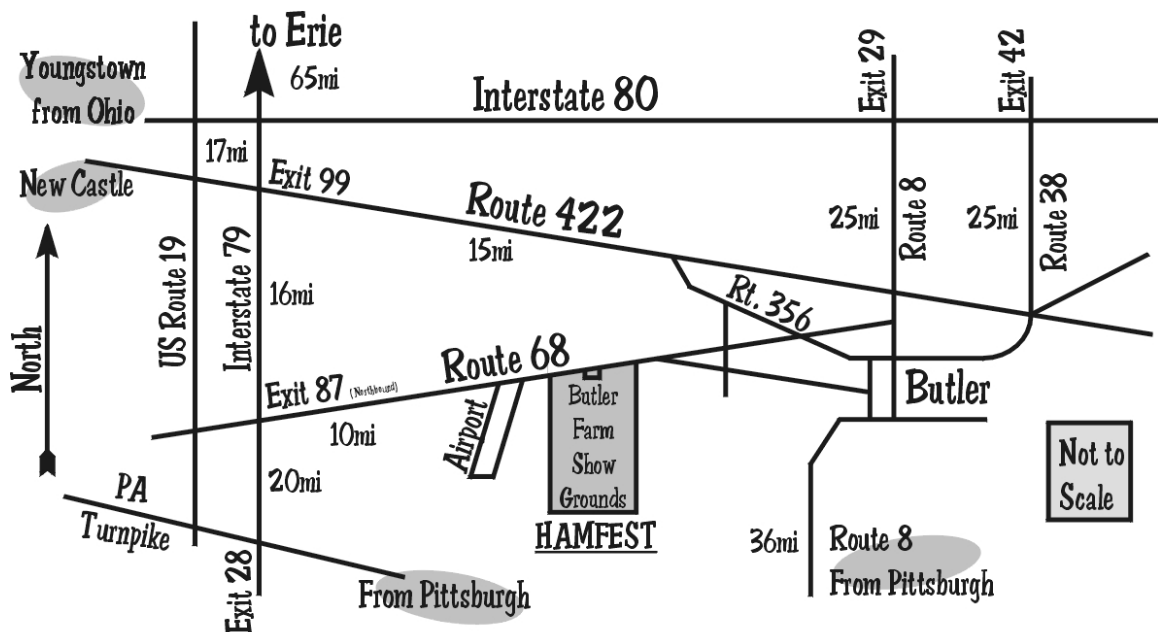
MAIN PRIZES - ADVANCED TICKET SALES							
Ham Prizes Drawing		\$2 Each	3 for \$5	7 for \$10	15 for \$20	40 for \$50	90 for \$100
Computer Drawing		\$2 Each	3 for \$5	7 for \$10	15 for \$20	40 for \$50	90 for \$100
iPad Drawing		iPad tickets will not be available via mail					
ENCLOSED CHECK IN THE AMOUNT OF: \$		Send a Self Addressed Stamped Envelope to: Advance Ticket Sales, Breezeshooters Hamfest PO Box 101018, Pittsburgh, PA 15237					
Make check Payable to the Breezeshooters, Inc. Mail Deadline is May 20, 2011. Prize Claim Tickets returned in your SASE!							
NAME:			CALL:		PHONE: () -		
ADDRESS:							
CITY:				STATE:		ZIP:	

Check www.breezeshooters.net for updates and forums.

VE Testing by the ELLWOOD CITY Amateur Radio Association 12 Noon till ?

Testing will begin at Noon. If you are only coming for the test sessions, please let the ticket sales people at the entrance know and they will instruct you where to park and the location of the testing. Registration is **not required** however you may register on their web site: www.qsl.net/ecara/register_1.html

30 Acres of outdoor flea market area, over 20,000 sq ft of indoor vendor space available @ \$20 per table * 25 Acres of parking * Handicap parking available * Overnight camping \$10, Electric for camping overnight or TailgateVender Area on day of +\$10, welcome, Camper water \$10 * Food and drink sold at the hamfest by Breezeshooters concessionaire, No other food or drink sales! Everyone attending is responsible for their own actions and behavior * No firearms permitted * Sellers may be responsible for state sales tax * No sales of live animals



DIRECTION AND TALK-IN: 147.300+ REPEATER

Latitude North 40 deg 51.440min. (40.857333) Longitude West 79 deg. 58.398 min. (-79.9733)
Butler Farm Show Grounds, 627 Evans City Road, Butler, PA 16001



Steel City Amateur Radio Club
P.O. Box 281
Carnegie, Pennsylvania 15106

[<www.w3kwh.com>](http://www.w3kwh.com)

NEXT
MEETING:
May 17,
8PM

*Kilo Watt
Harmonics*

W3KWH

