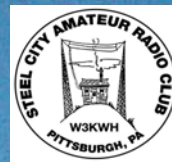


KiloWatt **Harmonics**



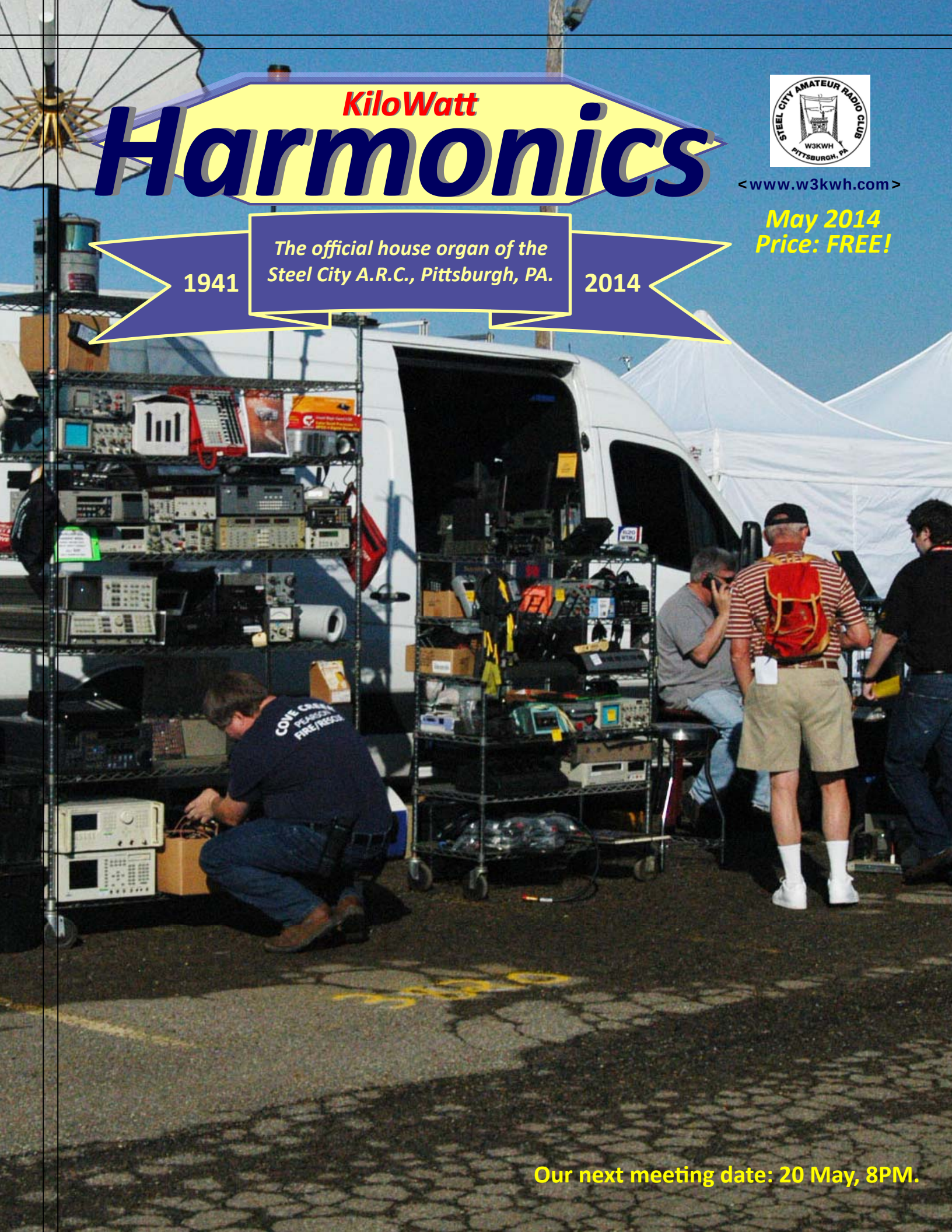
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May 2014
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1941

*The official house organ of the
Steel City A.R.C., Pittsburgh, PA.*

2014



Our next meeting date: 20 May, 8PM.



May 2014

Officers of The Steel City Amateur Radio Club:

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President: Brian Cooney, K5BPC

Editor: Greg Babin, NB3C.

Vice President: Ron Heasley, KB3YYE

'KiloWatt Harmonics' is published monthly for the members of the Steel City Amateur Radio Club.

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(412) 276-0825All newsletter contributions are welcome at:
<kq3dx@hotmail.com>**Recording Secretary:** Joe Mielnicki, WA3FWA
(412) 922-6340

Past issues are available at: <www.w3kwh.com>

Corresponding Secretary: Bob Mente, NU3Q

Reprints/quotes permitted provided credit is given to original author and the Steel City Amateur Radio Club.

License Trustee: Chuck Davis, N3UUZ

SCARC is a not-for-profit organization as defined under IRS Rules and Regulations section 501(C)(3).

SCARC is an ARRL-affiliated organization.

Membership is open to all licensed amateurs and interested persons in the Pittsburgh and metropolitan area.

The opinions expressed in KiloWatt Harmonics are not necessarily those of the club, its members, or its Officers.

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

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ON THE FRONT COVER: It's that time of year again: Dayton!
A picture from the flea-market in 2011.

The business meeting is held every third Tuesday of the month @8:00PM.
A social night is held every Wednesday night, except for the week of the
business meeting. All Amateurs are welcome to attend.

Thanks to the following for your contributions this
month: ARRL, 425 DX News, Ohio/Penn. DX
Bulletin, WA3FWA, N3MSE, W3WN.

NEXT ARTICLE DEADLINE: 7 JUNE 2014
PUBLICATION DATE: 9 JUNE 2014

Please keep me in the loop on local events, ESPECIALLY
Public Service events. Remember: Just because you know
what's going on doesn't mean I know what's going on.





Minutes of the Steel City ARC meeting Tues. April 15, 2014.

The meeting was started at 8:00 PM by the President K5BPC, with a Pledge of Allegiance, followed by a moment of silence for our Silent Keys. The Roll Call revealed 17 members and 1 guest. The March meeting minutes were accepted as published in the April newsletter. The Treasurer's report was given by Treasurer KA3YNO and accepted by KA3PQX and 2ed by KA3JKS.

Committee Reports:

- ⇒ **Clubhouse:** KB3YYE was allocated up to \$200.00 for grass seed to be planted in bare spots that were filled in last fall. Approved by KB3VHT and others.
- ⇒ **Technical:** WA3BKD and AA3EE connected the battery back up for the ARES station. W3SVJ has the wiring connected out to the tribander tower. We will hold a week-end antenna raising party to get the tribander and tower up and running. We still need the gin pole for the 6M antenna raising. Tune in every Tues. night 8 PM for a SCARC net on the 147.63/03 repeater.
- ⇒ **Membership:** KB3VHT gave the 2ed reading for prospective member KC3BYU.
- ⇒ **Public Service:** KA3MSE will host an emergency communications presentation by KB3FXI. KA3JKS reported that Rich Cain retired from his office in Skywarn.
- ⇒ **Ways and Means:** WA3FWA will collect any QSL cards for the ARRL outgoing bureau from members who are also ARRL members and hold a 50/50 raffle after the meeting.
- ⇒ **Volunteer Exams:** AD3Q held a session 2 weeks ago where 1 applicant passed the technician test. Next session will be held July 1.
- ⇒ **New Business:** W3RKT motioned for a quiet sign to be displayed during a VE exam session to reduce the ambient noise. 2Ed by KA3JKS and passed. WA3BKD and KA3JKS motioned and approved to reimburse maintenance expenses to AA3EE. KA3VHT wants payee's name on a check before it is signed by an officer and Treasurer. K5BPC said that we have established that any bill over \$ 500 will be voted on to be paid at the next meeting. He also announced that AA3CE would handle Field Day activities.
- ⇒ **Good of the Order:** WA3BKD will have a presentation on SWR and baluns on Wed. 4/30 and will have a Special Event 6/7 through 6/14 at the U.S.S. Requin submarine. KA3MSE inquired if we will have a memorial for SK W3JQJ. Corresponding Secretary NU3Q will forward a \$50.00 check to the ARRL's Beiberman fund in his name from SCARC. WA3RVD offered to bring a "pot luck" snack to the next meeting as we do not have a volunteer to take over kitchen duties for after-meeting snacks. WA3BKD said to take any books on the front table before they are discarded/recycled.
- ⇒ **Motion to Adjourn:** by KB3GMN

50/50 raffle won by KB3VHT

Minutes submitted by Recording Secretary WA3FWA.

NEXT MEETING: 20 MAY 2014, 8:00PM.

**FIELD DAY:
28-29 JUNE**

**BREEZESHOOTERS HAMFEST: 1 JUNE 2014.
SEE THE FLYER IN THIS HERE ISSUE.**





An upcoming event will be the Emcomm convention to be held on June 14 at the University of Pittsburgh, Johnstown campus. This year the event is a sanctioned ARRL event and we will have several door prizes to be awarded to participants. Please check the website for additional information and also to register so we have an idea of how many individuals will be attending. The information for the conference is available at <<http://wpaares.org/>>.

One of our area clubs, the Phillipsburg ARA has installed one of the new System Fusion dual mode analog repeaters. This is in cooperation with Yaesu, and more information can be found on this project at <<http://www.phillipsburg-ara.org/2014/04/big-43-system-fusion/>>.

Clubs with special projects or information they would like to have distributed to the members of the WPA section can send their information to me at <n3mse@arrrl.org> I will be happy to send this out via the League server.

Hopefully, many of you are participating in the ARRL Centennial operating events. W1AW/portable is operating from two different states each week. This is a great opportunity to achieve the WAS award by working W1AW. Each state will be on the air two separate weeks during the year. It's also a contest with points assigned to members and to those with field appointments. Members without a field appointment are still awarded one point for being a member. Look forward to working many of you during the contest.

73

John V. Rodgers, N3MSE
W. Pa. Section Manager



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Lloyd Roach, K3QNT

⇒ The ARRL has told the FCC that a *Petition for Rule Making* (RM-11715) from Mimosa Networks to permit unlicensed Part 15 wireless broadband services in the 10.0-10.5 GHz band is "fatally flawed" and should be dismissed. Mimosa filed the *Petition* in May 2013, and the FCC invited public comments last month. The *Petition* includes a band plan for 10.0 to 10.5 GHz that would cede Amateur Radio and Amateur-Satellite users access to just two small segments of the present allocation. The League told the FCC that, among other things, the Mimosa *Petition* is inconsistent with a US footnote in the domestic *Table of Allocations*, and that fact alone is sufficient reason for the Commission to quash Mimosa's request.

"Footnote US128 very clearly and without equivocation prohibits all non-Federal services in the band 10-10.5 GHz except for the Amateur Service, the Amateur-Satellite Service, and the non-Federal radiolocation service," the ARRL said in its comments. The FCC "is not at liberty to ignore" the US footnote, the League said, and is obliged on that basis alone to dismiss the *Petition*, "because it hasn't the authority to grant it."

Approval of the Mimosa *Petition* hinges on FCC adoption of rule changes that would put the 10 GHz band under Subpart Z of the Commission's Part 90 rules. Subpart Z currently sets out regulations governing wireless licensing, technical standards, and operational standards in the 3650 to 3700 MHz band. Mimosa told the FCC that the "application of the coordination procedures and requirements provided in Subpart Z will ensure that Amateur Radio operations in the band will not be disrupted." Its proposed band plan, the company said, would protect frequencies in the band "that are most often used by Amateur Radio operators," but the plan itself would carry no weight, since Mimosa failed to mention it among the rules changes it proposed. The plan would specify 10.350 to 10.370 GHz as an "Amateur Calling Band," and 10.450 to 10.500 GHz for Amateur-Satellite operations in the midst of 21 wireless broadband channels and a small guard band.

"[T]here is no 'sharing' between allocated radio services and Part 15 devices," the ARRL said. "Part 15 unlicensed devices have no allocation status...and are prohibited from causing interference to any authorized radio service. That is not the regulatory paradigm proposed by Mimosa for the 10.0-10.5 GHz band."

The League pointed out that Amateur Radio operations exist throughout the 10.0 to 10.5 GHz band now, and that Mimosa's protocols for avoiding interference would not protect repeater input frequencies or interference to receivers used in "weak-signal" amateur operation. "Increases in the noise floor in this band that would result from wireless broadband operations as proposed would simply foreclose most or all amateur use of the band on an ongoing basis," the ARRL asserted.

Even if the FCC could proceed with the proposed allocation, the League said, it would be "premature" to do so, because the US is now developing positions in advance of World Radiocommunication Conference 2015 ([WRC-15](#)). The League said WRC-15 agenda item 1.12 could have "a profound effect" on the 10.0-10.5 GHz band in ITU Region 2. "Action domestically on the Mimosa *Petition* now would foreclose certain options that the United States may wish to advocate at WRC-15, and the WRC-15 final acts may have an effect on this band as well," the League explained.

"[I]t is quite obvious that Mimosa has propounded a seriously flawed proposal which fails to justify the allocation," the League concluded. "The *Petition* should be dismissed without action by the Commission without delay."



National news appears courtesy of
and ©2014, ARRL.



⇒ **PANAMA, HP.** To celebrate the 100th anniversary of the opening of the Panama Canal in 1914, special event station HO100CANAL will be QRV from April 19 to August 25. Activity will be on all HF bands. QSL direct via HP1DBK.

⇒ **OPERATION APPROVED FOR DXCC CREDIT.** The following operation is approved for DXCC credit: Mellish Reef, VK9MT, 2014 operation.

⇒ **CRIMEA and ARRL DXCC STATUS.** Upon request of the CEO, the ARRL Awards committee evaluated the situation at present in Crimea against the DXCC rules. As the interpreter of the rules, the following is the Awards Committee's decision on how to "count" QSOs with stations operating from Crimea. Crimea is not a DXCC entity. Neither Russia nor Ukraine is a rare entity and the vast majority of confirmations used for DXCC credit for either entity do not involve Crimea.

DXCC Rule 4 reads:

"4. Confirmation data for two-way communications must include the call signs of both stations, the entity name as shown in the DXCC List, mode, date, time and band. Except as permitted in Rule 1, cross-mode contacts are not permitted for DXCC credits. Confirmations not containing all required information may be rejected."

A QSL with a call sign issued by the administration of Ukraine and showing the entity name as Ukraine counts as Ukraine.

A QSL with a call sign issued by the administration of Russia and showing the entity name as Russia counts as Russia.

A QSL that satisfies neither condition does not count for either entity.

⇒ **CORSICA, TK.** Julien, F4FJZ is QRV as TK4QL until October. Activity is mainly on 17, 15, 12 and 10 meters. QSL to home call.

⇒ **EUROPEAN RUSSIA, UA.** A number of stations will use the RP69 prefix to commemorate the 69th anniversary of the end of World War II and Soviet Russia's victory. QSL via operators' instructions.

⇒ **CRETE, SV9.** Uli, DJ9XB will be QRV as SW9XB from May 6 to 16. Activity will be holiday style on 40 to 10 meters using RTTY. QSL to home call.

⇒ **MAURITIUS, 3B8.** Robert, M0RCX plans to be QRV as 3B8/M0RCX until May 27 while on a family vacation here. Activity is in his spare time on 40 to 10 meters using SSB, PSK and JT65. QSL to home call.

⇒ **GUADELOUPE, FG.** Sam, F6AML plans to be QRV as TO6A from Les Saintes, IOTA NA-114, from May 5 to 20. Activity will be holiday style on 40 to 10 meters using CW and SSB. QSL to home call.

⇒ **FRENCH POLYNESIA, FO.** Stan, EI6DX will be QRV as FO/EI6DX from Bora Bora, IOTA OC-067, from May 7 to 18. Activity will be on 80 to 10 meters. QSL via RX3RC.

⇒ **MALAWI, 7Q.** Karl, DK2WV and Heino, DJ9AF are QRV as 7Q7VW until May 21 while visiting the Culture and Museum Center Karonga. Activity is on 160 to 6 meters. QSL via DK2WV.

⇒ **BELARUS, EU.** Special event stations EV2014ICE and EV2014WHC are QRV until May 25 during the Ice Hockey World Championships. QSL via operators' instructions.

⇒ **UGANDA, 5X.** Hans, OZ2HC is QRV as 5X1S. Activity is on the HF bands using SSB. His length of stay is unknown. QSL to home call.

⇒ **BALEARIC ISLANDS, EA6.** Hellmuth, DF7XE will be QRV as EA6/DF7XE from Isla de Formentera, IOTA EU-004, from May 14 to 26. Activity will be holiday style on 160 to 10 meters using CW, SSB, RTTY and PSK. QSL to home call.

⇒ **LITHUANIA, LY.** A number of stations are using the LY10 prefix to celebrate the country's 10-year membership in the European Union. QSL via operators' instructions.

⇒ **ICELAND, TF.** Jose, EA5IDQ will be QRV as TF/EA5IDQ from May 11 to 22. Activity will be holiday style on 40 to 10 meters using SSB and various digital modes. QSL to home call.

⇒ **BENIN, TY.** Patrice, LA0HF is QRV as TY2BP from Ouidah. Activity is on 20 to 6 meters using SSB. QSL direct to IK2IQD.

DX news appears courtesy of and ©2014, ARRL.





>> Local repeating events <<

NETS: (Set your 2M FM tone to 131.8 for all except QCWA which is 123.0.)

Breezeshooters net: 28480KHz every Monday night @9:00PM local.

Allegheny County ARES net: 147.090MHz (+600KHz offset) every Wednesday night @ 9:00PM local. The back-up machine is the 146.730MHz (-600KHz offset) repeater.

WACOM 2M Net: 145.490MHz (-600KHz offset) every Tuesday @8:30PM local.

WACOM 10M net: 28340KHz every Tuesday @9:00PM local.

WACOM YL Net: 146.790MHz (-600KHz offset) every Wednesday @7:30PM local.

WACOM Elmer net: 146.790MHz (-600KHz offset) every Wednesday @8:00PM local.

WASH 2M net: 146.955MHz (-600KHz offset) every Sunday night @9:00PM local.

WASH Digi Net, Wednesdays @ 9:30PM local, 146.955 repeater. Mode: MT63-2KL

NHARC net: 147.090MHz (+600KHz offset) every Tuesday night @8:30PM local.

QCWA Chapter 6: 147.030 (+600KHz offset) every Sunday morning @8:30AM local.

Beaver County Public Service Net: 146.850MHz (-600KHz offset, tone 88.5) every Monday night @8:30PM local.

LOCAL CLUB MEETINGS:

SCARC: The third Tuesday of the month, 8:00PM @ the clubhouse.

SCARC Social night: Every Wednesday, except the week of the business meeting, 7:00PM or so @ the clubhouse.

WASH: The second Thursday of every month, 7:00PM @ the Crossroads Ministries Church, 88 Walter Long Road, off Route 88, Finleyville, PA.

WACOM: The first Thursday of every month, 7:30PM @ the Washington County Building, Room 103, 100 West Beau Street, Washington, PA. 15301.

GPVHF Society: The first Monday of every month, 7:00PM @ the Salvation Army Disaster Services HQ, 820-825 Parish Street, Pittsburgh, PA. 15220.

North Hills ARC: The second Wednesday of every month, 7:00PM @ the Parkwood United Presbyterian Church, 4289 Mt. Royal Blvd., Allison Park, PA. 15101. (NEW LOCATION.)

Skyview: The first Tuesday of every month, 7:30PM @ the clubhouse, 2335 Turkey Ridge Road, New Kensington, PA. 15068.

Beaver Valley ARA: The second Thursday of every month, 6:30PM @ the Beaver County Emergency Operations Center, 351 14th Street, Ambridge, PA. 15003.

MISCELLANEOUS:

WASH breakfast: Last Saturday of every month, 8:00AM @ Suzy B's, Route 910 @ Route 519 @ US 19, Canonsburg, PA.

Beaver Valley ARA breakfast: Every Thursday, 10:30AM @ Rainaldi's Restaurant, 210 Fairview Drive, Center Township, PA. 15061. (724-774-1877)

TRARC Hams and Eggs breakfast: 2nd Saturday of the month, Kings Family Restaurant, Route 48 and US Route 30, North Versailles. 9:00AM.

Send any additions/corrections to: <KQ3DX@hotmail.com>.

NHARC-sponsored nets:

- **Sundays at 7:30 p.m.** - 147.090 - South-1 Dist. ARES Net
- **Sundays at 8:30 p.m.** - 146.880 - NHARC Club Teen (Under 21) Net (Contact: Local EC)
- **Sundays at 9 p.m.** - 147.090 - Pittsburgh Area Scanners Net (Contact: WA3FKG)
- **Wednesdays at 9 p.m.** - 147.090 - Allegheny County Public Service Net (Contact: N3RDV)
- **Thursdays at 7 p.m.** - 146.880 - Scout Net (Contact: N3ZX)
 - **Thursdays at 8:30 p.m.** - 50.50MHz - 6 Meter Net
- **Thursdays at 9:30 p.m.** - 146.880 - Rail Fan Net (Contact: KB3HPC)
- **Saturdays at 9 p.m.** - 146.880 - NHARC Elmer Net (Contact: N3BPB)
 - **Every Day at 8 p.m.** - 146.880 - Western PA 2m Traffic Net (Contact KA3BGC)
- **1st and 3rd Wednesday of every month at 8:30 p.m.** - 147.090 - Allegheny County Skywarn Net

FIELD DAY: 28-29 JUNE

AA3CE	TOM
AA3EE	DAVE
AB3KD	JAY
AD3Q	BOB
AE3JM	JASON
AI3J	MARK
AK3J	STEW
K3BAK	BRIAN
K3FS	FRANK
K3LAB	DOUG
K3RYA	BILL
K5BPC	BRIAN
KA3JKS	SUE
KA3LIW	DEAN
KA3MSE	LLOYD
KA3PXQ	CHRIS
KA3YNO	WALT
KB3CZX	TOM
KB3GMN	CAROL
KB3NUQ	ROBERT
KB3NZX	BOB
KB3ORO	JOYCE
KB3REE	KEN
KB3VCK	GREG
KB3VHT	JOHN
KB3YLR	DON
KB3YYE	RON
KB3ZKC	GABRIEL
KC3APT	JOHN
KF5ODL	JENNIFER
KJ3D	JIM
KØLIN	COLIN
KT3L	DOC
N3DQ	DELLA
N3DXE	BILL
N3EQP	JOHN
N3GHI	BRUCE
N3GHO	GLORIA
N3SAF	LEE
N3SBF	RICH
N3UUZ	CHUCK
N3VEF	BILLY
NB3C	GREG
NN3F	KEN
NU3S	AL
NU3Q	BOB
W3RKT	RICH
W3SVJ	NATE
W3WTW	TIM
WA3BKD	ART
WA3FWA	JOE
WA3PYU	MIKE
WA3RVD	MEL
WA3VXJ	KARL
WA3YCU	BOB
WA8NLX	RICK
WB3AGB	JOE
WB3CRC	DALE
WB3HDI	BOB
WB3JLK	RICH
WQ3T	DAVID

Roll-call

**Local events needing
our support:**

**Breezeshooters
Hamfest, June 1.**

See page 11.

Local and Repeating Events/Club Roster





Township Zoning Hearings Pose Possible Threat To Pennsylvania Amateur Radio Operators

A Chester County Amateur Radio Operator is facing opposition to a new antenna tower from both the municipality he is building a new home in, and a neighboring municipality as well.

Jeff DePolo WN3A is an active VHF, UHF and microwave experimenter and operator. He is very active with the Mt. Airy VHF Society (the "Pack Rats" based in the Greater Philadelphia area). He owns and/or maintains many of the area's repeater systems, including the University of Pennsylvania N3KZ linked system, the W3WAN Wide Area Repeater network, and more. He is also very active in County and Regional ARES units, the County EOC, and PEMA.

WN3A has lived on Valley Forge Mountain in Schuylkill Township since 2000. He and his family recently purchased a 3 acre, heavily wooded lot, located about 1000 feet from his current home, in neighboring Tredyffrin Township, & they are in the process of building a new home on the property.

WN3A submitted an application for a building permit for a 180 foot, self-supporting antenna structure. His permit was denied, on the grounds that the application did not comply with a township-wide "35 foot rule" for building heights in residential districts.

While the proposed height may seem excessive, WN3A states that this is the minimum height necessary to put his antennas above the terrain and many tall trees in the immediate area. The property is sloped downhill, and the Rohn tower location is over 60 feet below the top of the hill, so the effective height above the hill top will only be about 120 feet – much of which will have to clear tall trees as well.

The first hearing before the township zoning board was scheduled for April 30th. At an earlier public meeting on April 21st, Tredyffrin Township itself, along with certain neighbors, separately hired lawyers to oppose Jeff's tower. Jeff's proposed antenna structure meets all legal requirements, but the nearby residents and the township apparently feel that Amateur Radio antennas should not be allowed, despite both Federal and State laws to the contrary, and despite there being other Amateur Radio operators with towers in both Tredyffrin and Schuylkill Townships. (A link to this meeting can be found at <<http://tredyffrin.pegcentral.com/>>. The entire video covers a 4 hour meeting, see the second to last "dot" starting at about 2:30 hours in).

On April 2nd, 2014, in a very unusual procedural move, Schuylkill Township voted during a Board of Supervisors meeting to intervene and oppose the antenna. They directed the township solicitor, at the expense of Schuylkill Township taxpayers, to fight against the issuance of a permit before the zoning hearing board of Tredyffrin Township. A video of the ~30 minute discussion on the tower and on Amateur Radio can be found on the township web site, at: <<http://municipalmeeting.com/video/Schuylkill-Township-Board-Of-Supervisors-Meeting-April-2nd-2014/a2dc15946d366fb7c21d9af25366ea66>>.

Jeff is being represented in this matter by Robert Famiglio K3RF, who is both the Volunteer Counsel for the ARRL EPA section, as well as the Section Manager. He indicates that preliminary discussions with the neighbors and others opposing the antennas revealed that they generally seem uninterested in what Amateur Radio operators do. Otherwise knowledgeable people have made derogatory comments about Amateur Radio, or have deemed it "irrelevant", "obsolete", or "sounds commercial to me." People specifically denied that Amateur Radio has ANY place in emergency communications these days. The head of a local land conservancy group claimed that cell phones and the internet were perfectly "adequate" anymore in emergencies.

K3RF also reports that the very experienced lawyers that have been hired by those in opposition to the tower are well aware of the State and Federal laws involving Amateur Radio tower structures, and are well aware of exemptions that are available, but are attempting to use some "interesting new strategies" to avoid them in this case:

We have serious and well-funded opposition generating or presenting their version of the facts which I assess as angling to create new legal mechanisms to define more limitations by exploiting "loopholes" or exceptions to the exemption in the existing law as generated over the past decade or so. Facts are being spun to oppose the antenna system and to try to fit the situation to show the 180 foot Rohn tower cannot possibly be a ham tower (it is 100% and we would commit to that in writing) and that somehow it can be used for commercial in the future, and that it is not necessary anyway for the amateur to communicate well (with their expert testimony, which we expect).

(Continued on next page)





The township supervisors had received letters of recommendations from the county Emergency Operations Centers in support of both the tower and WN3A. It appears that the township supervisors simply dismissed these letters of recommendation; one supervisor claiming to be the Public Safety Liaison to the board stated, on the record, "Nonsense, this tower is not needed for any emergency communications." (The Chairman of the Schuylkill Township Board also claims to be a ham, although there is no record of his currently or previously holding an Amateur Radio license in the FCC ULS database.) They voted to oppose ANY towers in the township, on the grounds that property values will plummet.

Arguments were also made against WN3A on the grounds that he does work out of his new home, and that he sees business clients at his home (he states that he does neither), which is part of the "reasoning" to claim that his tower is a "commercial" tower.

Although the Tredyffrin zoning hearing board is to meet on the matter on April 30th, and K3RF and WN3A are prepared to present evidence and legal arguments in support of the proposed tower, there are significant concerns that many of those involved in the decision making have prematurely drawn conclusions based solely on emotions and rumors, without having first heard the facts. K3RF has requested that Amateur Radio operators in both Tredyffrin and Schuylkill Townships contact the members of their respective Board of Supervisors, to express their concern. It is very possible that many of these Amateurs are unaware of the proceedings, or unaware of what actions that they are able to take.

It is fully expected that whatever the outcome of the first zoning board hearing is, there will be appeals and additional hearings before a final decision is rendered. That said, there is good reason to believe that what happens in this case will set a precedent that will affect, directly or indirectly, all Radio Amateurs in Pennsylvania, New Jersey, Delaware, Maryland and Washington DC.

NB3C sez: This article originally appeared in the May 2014 WASHRag. Written by & ©2014, Ron Notarius, W3WN. Many thanks to him for allowing me to reprint here.

1-A-L NETS 7050 - 14100 KC

ST2DB

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TO RADIO: W8QJR CONFIRMING OUR FONE / 21 MC/S CONTACT
ON 18/3/19 56 AT 2:50 G.M.T. WHEN YOUR SIGNALS WERE R S / 5/7
MY INPUT WAS 100 WATTS TO A 813 ANTENNA Dynab
THANKS Q S L PLEASE H. J. BEST for QSO & QSL good
P.O. BOX 516, KHARTOUM. 73h Dick



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Now—SILICONE "WETPRUF"® PROCESSED, ANOTHER GOODLINE FIRST, Extends useful wet service life as much as 400%.

ALL GOODLINE Low Loss Television Transmission Lines are now especially SILICONE PROCESSED to repel moisture AT NO INCREASE IN COST TO YOU.

Your distributor has these SILICONE PROCESSED, WATER REPELLENT GOODLINE TRANSMISSION LINES in stock now—ready for you...

Ask for them by name. Insist on these genuine GOODLINE "WETPRUF" TELEVISION LINES.

230 UNION AVENUE U.S.A. LYNBROOK, N. Y.

Radio W3AIV OR R 6 SIGS Wkd Hr 3/18/81 at 9:52A M..E.S.T.

2AIB

Master Oscillator
Power Amplifier
With Fifty Watts Input

RECUR Detector AND 1 step

Remarks: live for on edge to cargo

Pse QSL OM i did Uy 73 R. M. OBERMILLER Opr. "RO"



May 2014 - June 2014

The S.C.A.R.C. Bi-Monthly Contest/Event Planner

May 2014						
S	M	T	W	T	F	S
				1	2	3
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July 2014						
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September 2014						
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November 2014						
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January 2015						
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March 2015						
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29	30	31				

May 2014			June 2014		
1	Thu	AGCW QRP/QRP Party	1	Sun	Breezeshooters Hamfest
3	Sat	10-10 Int. Spring Contest CW	4	Wed	SCARC Social Night
3	Sat	ARI International DX Contest	7	Sat	10-10 Int. Open Season PSK Contest
3	Sat	7th Call Area QSO Party	7	Sat	VK Shires Contest
3	Sat	Indiana QSO Party	7	Sat	Wake-Up! QRP Sprint
3	Sat	New England QSO Party	7	Sat	SEANET Contest
4	Sun	10-10 Int. Spring Contest CW	7	Sat	Maritimes QSO Party
4	Sun	ARI International DX Contest	8	Sun	10-10 Int. Open Season PSK Contest
4	Sun	7th Call Area QSO Party	8	Sun	VK Shires Contest
4	Sun	Indiana QSO Party	8	Sun	SEANET Contest
4	Sun	New England QSO Party	8	Sun	Maritimes QSO Party
7	Wed	SCARC Social Night	11	Wed	SCARC Social Night
10	Sat	EUCW Fraternizing CW QSO Party	11	Wed	NAQCC Straight Key/Bug Sprint
10	Sat	CQ-M International DX Contest	14	Sat	ARRL June VHF Contest
10	Sat	VOLTA WW RTTY Contest	14	Sat	Asia-Pacific Sprint SSB
10	Sat	FISTS Spring Sprint	14	Sat	Portugal Day Contest
11	Sun	EUCW Fraternizing CW QSO Party	14	Sat	GACW WWSA CW DX Contest
11	Sun	CQ-M International DX Contest	14	Sat	REF DDFM 6m Contest
11	Sun	VOLTA WW RTTY Contest	14	Sat	Kid's Day Contest
13	Tue	SCARC Business Meeting	15	Sun	ARRL June VHF Contest
16	Fri	Dayton Hamvention	15	Sun	Portugal Day Contest
17	Sat	Dayton Hamvention	15	Sun	GACW WWSA CW DX Contest
17	Sat	His Maj. King of Spain Contest CW	15	Sun	REF DDFM 6m Contest
17	Sat	EU PSK DX Contest	16	Mon	ARRL June VHF Contest
18	Sun	Dayton Hamvention	17	Tue	SCARC Business Meeting
18	Sun	His Maj. King of Spain Contest CW	19	Thu	NAQCC Straight Key/Bug Sprint
18	Sun	EU PSK DX Contest	21	Sat	All Asian DX Contest CW
21	Wed	SCARC Social Night	22	Sun	All Asian DX Contest CW
22	Thu	NAQCC Straight Key/Bug Sprint	25	Wed	SCARC Social Night
24	Sat	CQ WW WPX Contest CW	28	Sat	ARRL Field Day
25	Sun	CQ WW WPX Contest CW	28	Sat	Ukrainian DX DIGI Contest
25	Sun	Baltic Contest	28	Sat	His Maj. King of Spain Contest SSB
26	Mon	Memorial Day	28	Sat	Marconi Memorial HF Contest
26	Mon	MI QRP Memorial Day CW Sprint	29	Sun	ARRL Field Day
28	Wed	SCARC Social Night	29	Sun	Ukrainian DX DIGI Contest
			29	Sun	His Maj. King of Spain Contest SSB
			29	Sun	Marconi Memorial HF Contest

June 2014						
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August 2014						
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October 2014						
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December 2014						
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February 2015						
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28	29	30	31			

April 2015						
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19	20	21	22	23	24	25
26	27	28	29	30		

60th Annual

Largest Hamfest in the Tri-State Area !

BreezeShooters

THIS IS AN ARRL SANCTIONED HAMFEST

HAMFEST 2014 and COMPUTER SHOW

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

Email: hamfest2014@breezeshooters.org

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

BUTLER FARM SHOW GROUNDS Sunday June 1, 2014 * 8am to 3pm

Indoor tables on first come first serve basis. **\$20.00 per 8' table** and may be reserved by contacting Bob Benna, N3LWP (412) 366-0488 or mail to : P.O. Box 101018; Pittsburgh, PA 15237 - Table reservation **Cut-off Date May 20th**

Main Prize Drawing : (Now 14 Prizes!! 2 more chances to win)

- | | |
|---|---|
| 1st Yaesu FT DX 1200 | 8th LDG-AT-100 Pro 2 Antenna Tuner |
| 2nd Icom 7100 | 9th Fluke Digital Multimeter |
| 3rd Ameritron 811 600w Linear Amplifier | 10th West Mt. Rigblaster Advantage |
| 4th Rig Expert AA54 Digital Antenna Analyzer | 11th ATT 3G-500HP-200W Surge Protector |
| 5th Alinco DR635T | 12th \$100 Cash Prize |
| 6th Elecraft W2 Watt meter | 13th Alpha Delta B-239 Antenna Switch |
| 7th Rigrunner 4008 with power poles | 14th \$50 Cash Prize |

11 Half hour prizes based on Admission tickets

Computer Monitor/TV Drawing: 39"-42" inch HDMI/VGA Computer Monitor / TV

These tickets will be available at local hamfests prior to the Breezeshooters Hamfest. Check Breezeshooters.org for locations.

Winners need not be present for Main, Computer,. -- **Prize Drawings at 3:00 pm** - All prizes subject to availability

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

Admission \$ 5.00 donation per person, (Age 12 and over)

Flea Market spaces available-- \$10.00 for first space, \$5 for each additional space

Farm Show Grounds open at 5:00pm Saturday May 31, 2014 for Vendor and Tailgater setup

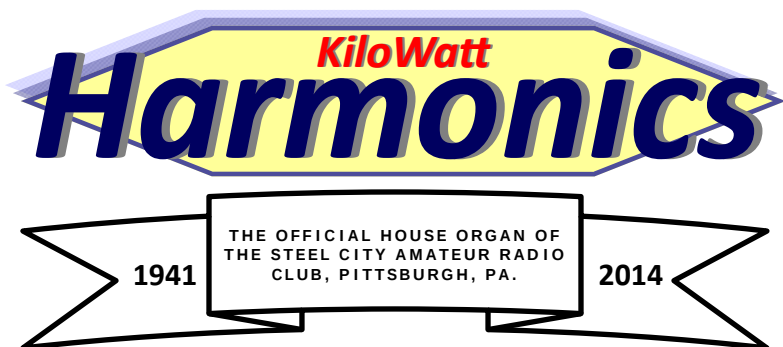
Prizes may be subject to change

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 Monitor/TV Drawing	\$2 Each	3 for \$5	7 for \$10	15 for \$20	40 for \$50	90 for \$100
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, 2014. Ticket Stubs returned in your SASE!						
NAME:		CALL:		PHONE: () -		
ADDRESS:						
CITY:			STATE:		ZIP:	

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

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



NEXT
MEETING:
20 MAY,
8:00PM.

