

Kilo Watt Harmonics



<www.w3kwh.com>

THE OFFICIAL HOUSE ORGAN OF
W3KWH: THE STEEL CITY AMATEUR
RADIO CLUB, PITTSBURGH, PA.

November 2011
Issue #11



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Our next meeting date: November 15,
8PM.

**RUSSIAN COLD
WAR "FIALKA"
her Machine:**

...rotor cipher machine was used by the Russians until
...that the NSA did not have one in their museum until
...was destroyed for reconstruction in a Russian Military
...these machines. I was told that the man who had
...A few more found their way to America before
...deal of effort of have resulted in a good
...Russian and English-language manuals
...are now available





Officers of The Steel City Amateur Radio Club:

November 2011

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

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

SCARC is an ARRL-affiliated organization.



Membership is open to all licensed amateurs & interested persons in the Pittsburgh & 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)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW)
WA3TTS Beacon: 1296.269MHz (CW) (See page 4)

ON THE FRONT COVER: Some cold-war era cipher machines seen at Dayton this past May.

ON THE BACK COVER: A black & white shot of downtown Pittsburgh as seen from the West End Overlook.

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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: WA3FWA, WA3RVD.

NEXT ARTICLE DEADLINE: December 9, 5:00PM
PUBLICATION DATE: December 11, 11:00PM

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.





The meeting was conducted by the President Bob, WB3HDI at 8 PM with a Pledge of Allegiance to the Flag followed by a Moment of Silence for our Silent Keys. Bob announced the death of former long time member W3MHY, Stan Broskey who passed away at age 96. There were 37 members and 1 guest answering the roll call. The minutes of the September meeting were accepted as published in the October newsletter. The Treasurer's report was given by the Treasurer KA3YNO, Walt and was accepted by the membership. Fuel oil and equipment insurance was paid. Liability insurance is due Dec.1, 2011.

Committee reports:

- ⇒ **Clubhouse:** WA3VXJ Karl cut the grass, cleaned up for tonight's meeting and, with help, cleared some brush from the club road. He is also pricing a plow and chains to fit the lawn tractor for plowing the club grounds this winter. The pop machine will be OK as long as the door is TIGHTLY closed. WB3HDI Bob finished the in-ground conduit to the shed and the remodeling of the VHF Studio window sills.
- ⇒ **Technical:** AD3Q Bob stated that all of our Kenwood radios did not work reliably during the PA QSO party. Colin KOLIN suggested that we get someone who is very familiar with those radios to operate them and give us a service report. Doug K3LAB suggested that we switch positions of the radios to allow for a better operating position. Carol KB3GMN said to sell the TS-950 at the WACOM Hamfest. Richie N3SBF will take the TS-950 to the WACOM Hamfest and give it to Dave AA3YW to fix.
- ⇒ **Contest:** AD3Q Bob said that the PA QSO Party effort by the club was a success. Carol and Richie got a clean sweep operating portable in the PA QSO Party. The ARRL Sweepstakes CW will be Nov. 5 – 7 and phone Nov. 19 - 21. KOLIN Colin would like to have a scout group doing the JOTA at the club.
- ⇒ **Membership:** NB3C Greg tabled the youth membership discussion until next month. Nominations from the floor yielded the addition of N3SBF Richie for Vice President. Former member KB3TEI Dustin was voted membership on his first reading. Congratulations Dustin! Greg printed ballots for the election.
- ⇒ **Public Service:** Lloyd KA3MSE described SCARC's participation in the SET exercise of Sat. Oct. 1. Bob NU3Q and Sue KA3JKS detailed the club members working The Great Race on Sept. 25.
- ⇒ **Ways and Means:** WA3FWA Joe will hold the 50/50 raffle and will also have 2 tickets to raffle for the WACOM Hamfest. He will collect any outgoing QSL cards. Please put your cards in alphabetical order otherwise he will have to rearrange them to send to the ARRL Bureau.
- ⇒ **PC/Web:** W3WTW Tim said that all was OK. N3EQP John will put the manuals for our radios on CD. AD3Q Bob wants to have a networkable logging program and he suggests that we pay for the "Write Log" program. The free programs (e.g. N1MM) have not been user friendly for our purpose. W3WTW Tim and Bob will get together on this matter and will finalize it at a future meeting.
- ⇒ **Volunteer Exams:** AD3Q Bob has exam dates scheduled with the ARRL for April 3, July 3 and Oct. 10. They will be posted on the appropriate web sites.
- ⇒ **Good Of The Order:** NU3Q Bob operated K3R for the Rotary Club at the Mt. Lebanon Park. He will soon have his official Notary Public license, and he will offer his Notary services to club members. AA3EE Dave has 12-volt gel cell batteries and their chargers for sale. WA3RVD Mel says that the Cloverleaf Estates housing plan allows ham antennas to be put up. He has a Kenwood TS-450 SAT for sale. His son-in-law Bill Miller passed away. Mike W3CRO's wife has delivered a son. KOLIN Colin passed the Extra exam. Congratulations!

ELECTIONS	President	WA3BKD	Art
For 2012 Officers	Vice President	WB3AGB	Joe
	Treasurer	KA3YNO	Walt
	Recording Secretary	WA3FWA	Joe
	Corresponding Secretary	KA3JKS	Sue

Next meeting:
November 15, 8PM.

⇒ **Adjournment:** by acclamation.

50/50 raffle money won by Tim and WACOM tickets to Richie N3SBF and Chuck N3UUZ.





Thanks to all who came out to the club to participate in the Pa. QSO Party 201.

Here is the "raw" data compiled by Tim, W3WTW:

- ⇒ Total QSOs: 342
- ⇒ Counties: 59 (We missed a clean sweep by 8.)
- ⇒ Sections: 57
- ⇒ DX: 1
- ⇒ SSB QSOs: 315
- ⇒ CW QSOs: 3
- ⇒ PSK31 QSOs: 24
- ⇒ Total QSOs = 342 Total Points 349 X Total Multipliers = 97
- ⇒ Total Raw Score = 33853
- ⇒ Bonus Multiplier 1 X Raw Score 33853 = 33853
- ⇒ Special Event Station Bonus = 4 X 200 = 800
- ⇒ Mobile and Rover Bonus = 0 X 500 = 0
- ⇒ FINAL SCORE = Total Score + Bonus Points = 34653

A big, big "THANK YOU" goes out to poor Tim, who had to re-calculate and remove all the dupes due to a software glitch with the logging program. Apparently, said logging program decided to crash heavily at the start, and all the QSOs had to be transferred to the N3FJP logging software. "THANKS" also goes to Joe, WB3AGB who copied all of the QSOs into the N3FJP Contest logger.

LESSONS LEARNED:

- ⇒ Make sure logging software works **BEFORE** next year's QSO party.
- ⇒ Make sure software is networkable. It wasn't and it caused some problems.
- ⇒ Make sure ALL radios to be used are in good working order. The TS-950 **AND** the TS-140 **BOTH** gave up the ghost. (I think the TS-950 is a goner this time.)

And, of course "THANK YOU" goes out to all the ops who showed up: **AD3Q**, **WA3VXJ**, **W3WTW**, **WB3AGB**, **KB3PNE**, **WA3FWA**, **K3LAB**, **KB3TEI**, **NB3C**, **N3UUZ**, **WB3HDI**.

Rumor has it that our very own Richie, N3SBF and Carol, KB3GMN had another clean sweep this year. Congratulations to you both from the club.

Thanks for participating.

The following will be the Officers of the club for calendar year 2012:

- ⇒ **President:** Art, WA3BKD
- ⇒ **Vice-President:** Joe, WB3AGB
- ⇒ **Treasurer:** Walt, KA3YNO
- ⇒ **Recording Secretary:** Joe, WA3FWA
- ⇒ **Corresponding Secretary:** Sue, KA3JKS

WELCOME TO OUR NEW (actually re-newed) MEMBER: Dustin, KB3TEI. Welcome back to the group, Dustin.

The club wishes to extend its condolences to the friends and family of Stan Broskey, W3MHY. Stan was a long-time member (#23) and had passed away recently. I'm sorry, but I was not able to obtain any details from any of the local papers concerning his obituary.

I understand Colin, KB3PNE upgraded to extra and now has the call K0LIN. Congrats to you on the upgrade!

73 de NB3C

For sale.....all for \$650:

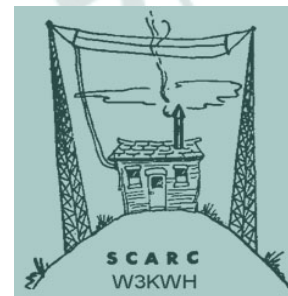
- ⇒ Kenwood TS-450S AT rig with manuals
 - ⇒ Kenwood SP-23 speaker
 - ⇒ Kenwood MC-60A desk mic
- ⇒ Headphones with foot switch by MFJ for Kenwood

Thanks, Mel Ruble WA3RVD. (You can contact Mel at the club or on the club reflector if interested.)

Mel also sent the following in from a friend from work. It appears to be an estate sale from W8QWU. Again, contact Mel, WA3RVD at the club or on the club reflector if interested.

- ⇒ Ameritron AL84 R.F. amplifier
- ⇒ HF Transceiver Kenwood TS-830S
 - ⇒ 215 P/PC microphone
 - ⇒ Tubes 6MJ6
 - ⇒ Lighting arresters
 - ⇒ MFJ Versa Tuner II
- ⇒ Model AM-2 Heathkit SWR Bridge
 - ⇒ Electro Voice 638 Dynamic Microphone
- ⇒ Hygain Transmit/Receive Control
 - ⇒ MFJ Deluxe Versa Tuner II

Also there is an assortment of many cables and connectors.



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>



November 2011 - December 2011

>>The Steel City A.R.C bi-monthly contest/event planner<<

November 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			

January 2012

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				

March 2012

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

May 2012

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		

July 2012

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

September 2012

S	M	T	W	T	F	S
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

November 2011			December 2011		
5	Sat	ARRL Sweepstakes CW	1	Thu	ARCI Topband Sprint
5	Sat	Ukrainian DX Test	2	Fri	ARRL 160M Contest
6	Sun	ARRL Sweepstakes CW	3	Sat	ARRL 160M Contest
6	Sun	Eastern Standard Time starts @2:00AM	3	Sat	TARA RTTY Melee
6	Sun	WACOM HamFest	3	Sat	Wake Up! QRP Sprint
6	Sun	Ukrainian DX Test	3	Sat	TOPS Activity Contest
6	Sun	High Speed Club CW Test	3	Sat	AWA Bruce Kelley Memorial CW Contest
6	Sun	DARC 10-Meter Digital Test	4	Sun	ARRL 160M Contest
11	Fri	Veterans Day	4	Sun	TOPS Activity Contest
12	Sat	WAE DX Contest RTTY	4	Sun	AWA Bruce Kelley Memorial CW Contest
12	Sat	10-10 Int. Fall Contest Digital	9	Fri	NCCC Sprint Ladder
12	Sat	JIDX Phone Contest	10	Sat	ARRL 10-Meter Contest
12	Sat	OK/OM DX Test CW	10	Sat	AWA Bruce Kelley Memorial CW Contest
13	Sun	WAE DX Contest RTTY	11	Sun	ARRL 10-Meter Contest
13	Sun	10-10 Int. Fall Contest Digital	11	Sun	AWA Bruce Kelley Memorial CW Contest
13	Sun	JIDX Phone Contest	14	Wed	NAQCC Straight Key/Bug Sprint
13	Sun	OK/OM DX Test CW	14	Wed	NAQCC-EU Monthly Sprint
14	Mon	NAQCC-EU Monthly Sprint	16	Fri	NCCC Sprint Ladder
15	Tue	SCARC Business Meeting	16	Fri	AGB-Party Contest
17	Thu	NAQCC Straight Key/Bug Sprint	17	Sat	OK DX RTTY Contest
18	Fri	YO Int'l PSK31 Test	17	Sat	RAC Winter Contest
19	Sat	ARRL Sweepstakes SSB	17	Sat	Croatian CW Contest
19	Sat	SARL Field Day	17	Sat	Stew Perry Topband Challenge
19	Sat	LZ DX Contest	17	Sat	Lighthouse Christmas Lights QSO Party -
19	Sat	All Austrian 160-Meter Test	17	Sat	DAILY THRU 1 JANUARY 2012
19	Sat	RSGB 2nd 1.8 MHz Test CW	18	Sun	Croatian CW Contest
20	Sun	ARRL Sweepstakes SSB	18	Sun	Stew Perry Topband Challenge
20	Sun	SARL Field Day	18	Sun	ARRL Rookie Roundup CW
20	Sun	LZ DX Contest	18	Sun	ARCI Holiday Spirits Homebrew Sprint
20	Sun	All Austrian 160-Meter Test	19	Mon	Run for the Bacon QRP Contest
20	Sun	RSGB 2nd 1.8 MHz Test CW	20	Tue	SCARC Business Meeting
20	Sun	EPC PSK63 QSO Party	25	Sun	Christmas Day
24	Thu	Thanksgiving Day	26	Mon	DARC Christmas Contest
26	Sat	CQWW DX CW Test	29	Thu	NAQCC Straight Key/Bug Sprint
27	Sun	CQWW DX CW Test			

December 2011

S	M	T	W	T	F	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2012

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18	19	20	21	22	23	24
25	26	27	28	29		

April 2012

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18	19	20	21	22	23	24
25	26	27	28	29	30	

June 2012

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17	18	19	20	21	22	23
24	25	26	27	28	29	30

August 2012

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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

October 2012

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

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**NEXT
MEETING:
15 NOVEMBER,
8:00PM**

