

January, 2013

Kilowatt Harmonics



Ye Olde Editor Says...

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Another new year 2013 is now upon us. On our radio calendar, we have contests and hamfests to look forward to, including the "big daddy" of all in southwestern Ohio the third weekend in May (which your editor is eagerly looking forward to!). We will be having code classes starting next month (details elsewhere in this newsletter!). In addition, we cannot forget Field Day in June, which is the perfect marriage of playing radio and imbibing picnic food (Yogi Bear, where are you? Hi!). Lastly, I would be remiss if I forget our annual Corn Roast in August. All in all, we have a busy calendar of activities for 2013!

Once again, I am always looking for articles for the newsletter – **remember, this is YOUR newsletter!** Suggestions and comments are always welcomed. I want to thank Colin, K0LIN, for his article which appears elsewhere in this newsletter. I trust that you folks will enjoy it. Speaking of which, I will be writing an article for both QST and CQ magazines regarding the install of my mobile HF station. I will put said article in this newsletter as well for all to enjoy.

I will be doing my estate presentation for the North Hills club in April – more details to follow at a later date.

Until next month, 73 and good DX to all!

Ye Olde Editor

Minutes of the January Business Meeting



Meeting started at 8 PM by President N3SBF with a Pledge of Allegiance, moment of silence for our silent keys, roll call of 22 members present, minutes approved as sent out in email reflector and to be published in the newsletter. Treasurers Report given by KA3YNOs. Approved by all on a motion by NU3Q.

Committees

Clubhouse: No activity since Dec. meeting due to wx. Pop machine coin receiver is not working.

Technical: Club bought a FT-7900 VHF radio for the public service station. WA3BKD will hold it until a location is appropriated. He also supplied a 2M-440 dual band antenna for attic installation. The HF radio for public service has yet to be decided. WA3VXJ said the ARRL January VHF contest is this weekend (19 to 21) and the Breeze Shooters PSK 31 contest will be Sat. evening. The WASH club's 2M FM Simplex contest was held last weekend.

Membership: KA3VHT had 3 prospective member applications but none were present.

Newsletter: NU3Q will have the minutes in the next issue.

Public Service: KA3MSE ran the net last week. WA3PYU needs volunteers for March 17 St. Patrick's Day event.

Ways & Means: WA3FWA will hold the 50/50 raffle and collect any outgoing QSL cards. Our DX members sent us a Christmas card and a box of German pastries.

Website: K5BPC will place the order for the new PC's and our Treasurer will send a check to the supplier when they receive that order.

Volunteer Exams: AD3Q will administer exams on Apr. 2, July 2 and Oct. 1. These dates will be posted on our web site.

Library: Email N3EQP with the book titles that you would like to see in our library.

New Business: There was a discussion about changing the starting time of the meeting but it was decided to remain at the original 8 PM time.

Good of the Order: KB3VHT would like to have a renewal application put in the newsletter. NU3Q will accommodate this in the next issue. See KA3YNO for newsletters from the repeater councils. Our bank, Fidelity Bank, has changed its name to West Bank. We will perform an internal audit. The exterminator will be here in Feb. Report any critter sightings to N3UUH. Any assessment info on our property will be forwarded to our lawyer.

Motion to Adjourn: by KB3GMN

50/50 raffle: won by N3UUZ

Minutes submitted by WA3FWA, club secretary.

Editor's Note: Photo courtesy of N3EQP iPhone. Next meeting is February 19th at 8 PM.

SDR on a Budget – by Kolin, KOLIN

I recently heard a rumor from the UK that there is a device called a “Fun-Cube Dongle” I also heard that it is in very short supply as it is handmade by one guy at home (in the UK) and there is little chance of getting one, especially as it is priced at £100 (give or take!).

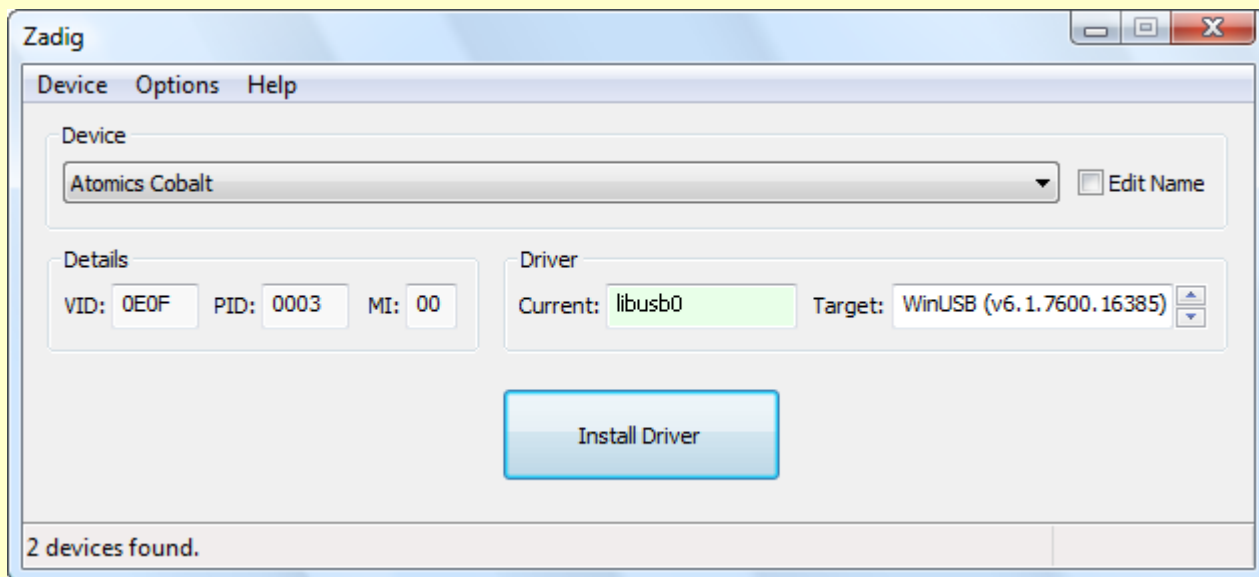
So time for plan “B”...there are dongles that are made so you can watch TV on your computer. This, coupled with some specific software, will allow you to use it as a software defined radio (SDR).

You will need :

- 1) Zadig from <http://code.google.com/p/libusb-winusb-wip/downloads/detail?name=zadig.exe&can=2&q=>
- 2) sdr-sharp from <http://sdrsharp.com/>

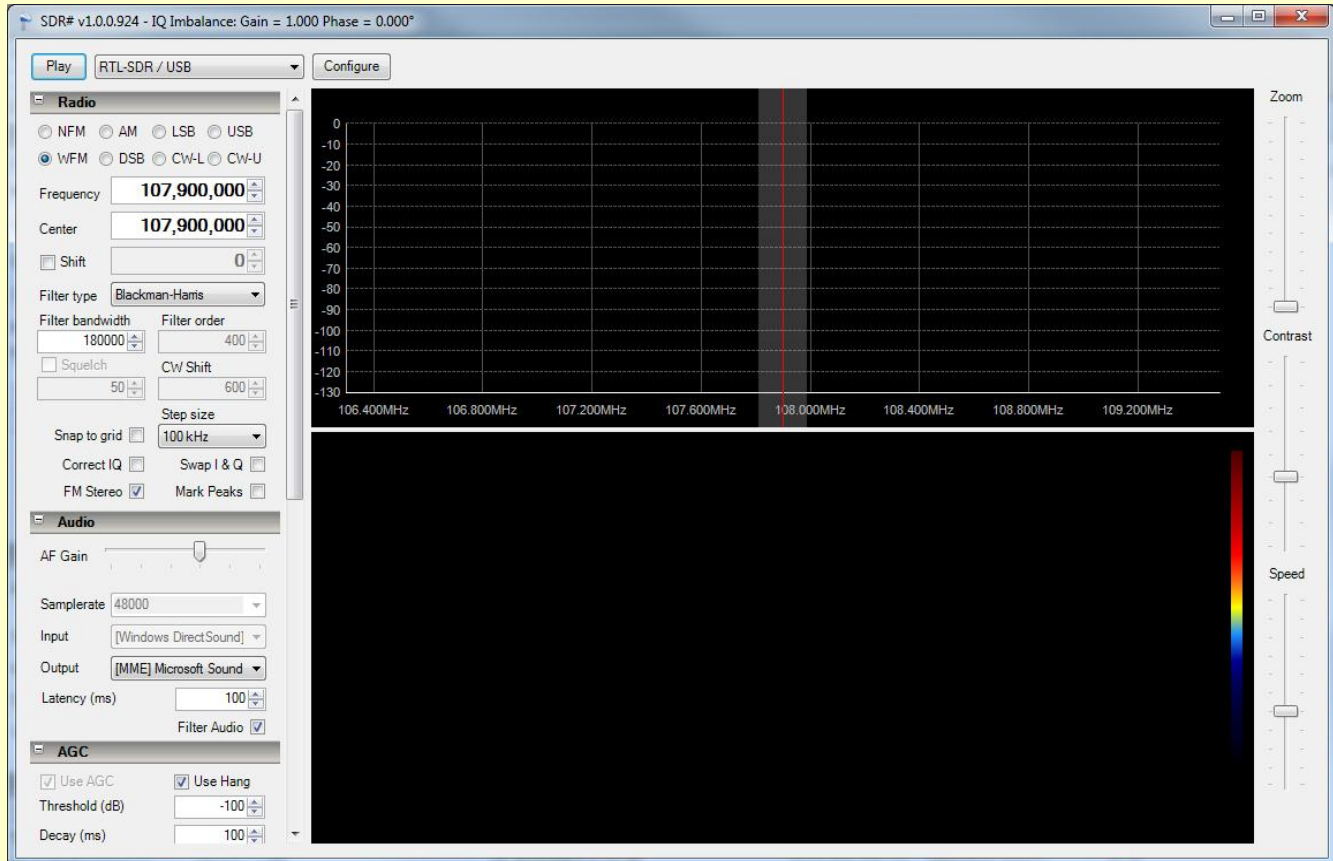
To install your dongle:

download zadig.exe (see #1 above)



From the menu, choose “list all devices” and pick the dongle, then choose the “WinUsb”, then “install driver”. Close the program.

Assuming that you installed the sdrsharp (see #2 above), run the program and pick the rtl-sdr as the radio and then press the play button on the left.



At this point, your sdr-dongle should be working properly. If not, this site should help greatly. Keep in mind that you need to order the right type of dongle (RTL2832u with the E4000 tuner).

<http://sdr.osmocom.org/trac/wiki/rtl-sdr>

<http://sdr.osmocom.org/trac/>

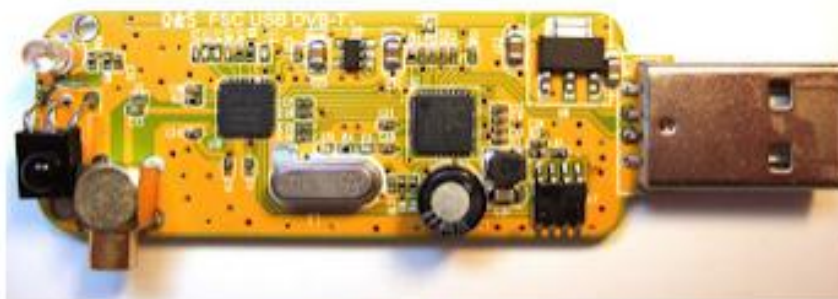
Editor's Note: Thank you for your article Kolin! This is really cool! I did not know that this was possible. I have seen the SDR radios at Dayton and they are quite pricey – that is why I don't own one, hi! Your solution is definitely cost effective!



Store No: 316476



A Terratec Cinergy T Stick Black rev.1, with the FC0012 which is not suitable for GPS



A Newsky TV28T, with the E4000.

SPCL-AUXCOMM – Auxiliary Communications Workshop

COMMUNICATIONS TRAINING OPPORTUNITY ANNOUNCEMENT

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

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

This course being provided by the Department of Homeland Security/Office of Emergency Communications Technical Assistance (TA) Program.

SPCL-AUXCOMM – Auxiliary Communications Workshop

Course Date: February 23 and 24, 2013

Location: PEMA Headquarters, Harrisburg, PA

Lodging: Lodging will be provided for the nights of February 22nd and 23rd for attendees who live greater than 50 miles from the training site.

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

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

- ICS -100 Introduction to ICS
- ICS-200 Basic ICS
- ICS-700 Introduction to the National Incident Management System (NIMS)
- ICS-800 Introduction to the National Response Framework (NRF)
- All attendees must also have an Amateur Radio General Class licenses (or higher)

Max. Number of Attendees: 30

Deadline for registration: February 15, 2013

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

This full 20 hour workshop focuses on educating attendees about auxiliary communications interoperability, emergency operations center etiquette, on-the-air etiquette, FCC rules and regulations, auxiliary communications training and planning, certification and accreditation and emergency communications deployment. It is intended to supplement and standardize an operator's basic knowledge of emergency amateur radio communications in a public safety context.

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

Christopher E. Snyder | Emergency Management Specialist |

| Commonwealth ACS Coordinator |

Pennsylvania Emergency Management Agency

2605 Interstate Drive | Harrisburg | PA 17110

Phone: 717.346.3103 | Fax: 717.651.2240

Email: chrsnyder@pa.gov

Western PA ARES to begin HF digital training net

Western Pennsylvania ARES will begin an HF digital training net starting Sunday Feb 10. This new net will alternate with our existing VHF/UHF net with the following schedule:

- 1st and 3rd Sunday of the month at 8PM: 147.195 (PL 131.8) and 443.45 (PL 100) repeaters in New Castle and Pittsburgh and the W3YJ-R Echolink node.
- 2nd and 4th Sunday of the month at 8PM: 3.583 MHz with a waterfall center frequency of 1500 Hz. Initial mode will be 8/500 Olivia. We may switch to MT63-500 or MT63-1000 for bulletins depending upon conditions and length of bulletins. Once we're comfortable with operating an HF net and master the basics we will start experimenting with the new high-speed modes and Flamp.
- 5th Sunday of the month (our Blue Moon scenario): haven't decided yet.

I will be monitoring the 147.195/443.45 repeaters and the W3YJ-R Echolink node during the HF net, so if you have problems or need assistance you can give me a call. I will publish the HF net procedures sometime before the first net, but it will not be very different from any other HF net. I see no reason to reinvent the wheel.

We want our focus to be on Western Pennsylvania and we don't want to be overwhelmed, so we will not be accepting check-ins from out-of-state on our HF net. We will accept check-ins from Eastern PA, but we won't go out of our way to encourage EPA participation.

If you check into the HF net, please prepare in advance a message to transmit during the net. We want this to be a net where we all practice sending traffic not just learn how to check in. I find "check in" nets where the primary activity consists of checking in to be boring and not very useful as a training exercise.

Please join the wpaares-digital Yahoo group if you're interested in these nets. Also feel free to email me with any questions.

73,

Harry Bloomberg W3YJ

Assistant SEC, Western PA ARES

hbloomb@gmail.com

Code Classes at SCARC

Start: March 7, 2013,

Thursday at 19:30 (7:30pm for you civilians.)

Length: 10 weeks

Location: Steel City ARC club house, W3KWH, in Collier Township.

Classes: predominately on Thursday evening with a few weekend sessions.

Contact: Art Mueller, WA3BKD, 724-356-7381

Free, no charge, no obligation.

Fight communism, learn the code!!!

Spread the word!



Western Pennsylvania Repeater Council, Inc.

Quarterly Communication

Volume 2013 - Number 1 – January 2013

W.P.R.C. 3000 Village Run Road, Unit 103 #173, Wexford Pa 15090-9244
W.P.R.C. E-Mail: wprc@wprcinfo.org --- W.P.R.C. Web Site: <http://www.wprcinfo.org>

Chairman: Vacant
Vice Chairman: James Knox N5NWC
Secretary: Thomas Brew K3WS
Assistant Secretary: Elaine Bailey K3EMM
Treasurer: Charles Gessner W3ON

Frequency Coordinator: Frank Bobro N3FB
Bylaws Committee Chairman: Jeff Blake N8PSU
Technical Committee Chairman: Kevin Custer WJ8G
Publicity Chairman: Jim Knox N5NWC
Assistant Publicity Chairman: Scott Zimmerman N3XCC

New Officers Elected

At the October 21, 2012 meeting in Butler, Pa several new officers were elected to two year terms. They are: Jim Knox N5NWC as Vice Chairman, and Tom Brew K3WS as Secretary. Charles Gessner W3OC continues as Treasurer for the year 2013. A vacancy exists for Chairman as our previous chairman was found to not meet the eligibility requirements to hold office. The position of Chairman will be voted on at the January 2013 meeting. The new board of directors has re-affirmed several committee heads to serve on the board of directors. See the listings above.

Meeting Announcement

The next meeting of the W.P.R.C. will be on January 20, 2013 at the Washington County Emergency Operations Center, 100 West Beau Street Washington, Pa. Once you arrive, walk into the 911 Center entrance, walk to the far right end door. This is the meeting room. The door should be open by 1230 pm. Talkin will be on the 145.49 Mhz Repeater.

W.P.R.C. Chairman Election

There will be an election to fill the remaining, one year, term of the W.P.R.C. Chairman at the January 20, 2013 meeting in Washington Pa. According to the W.P.R.C. Constitution a vacancy in any elected position must be filled at the next W.P.R.C. Regular Meeting. Those interested need to meet these eligibility qualifications:

1. Must be a representative, or alternative representative, of a regular member organization and must be the holder of a valid amateur license, technician class or higher. The nominee must be a member in good standing for a year or longer.
2. All nominees shall be presented to the W.P.R.C. Secretary in writing prior to the meeting, or may be made from the floor at the meeting.

W.P.R.C. Incorporation Announced

The Pennsylvania Department of State has confirmed that the W.P.R.C. now has incorporation status as of November 26, 2012. Thanks to Jeff Blake N8PSU, Bylaws Committee Chairman, for following up on this project originally started by Bill N3BPB. Jeff and his team continue to work on a rework of the W.P.R.C. Constitution.

W.P.R.C. 2013 Dues Now Due – by Chuck W3ON Treasurer

At the October 2012 meeting of the W.P.R.C. the dues for 2013 were set at the rate of \$15 per represented repeater. Please check the roster listed below to determine your current membership status. If you do not see your name or your organization's name, please fill out the membership application included with this newsletter and send it, along with your dues to our W.P.R.C. address listed above. Based on what I read in the W.P.R.C. Constitution, that means that dues are due by the end of January—with a thirty day extension. Failure to remit dues after those dates result in the member or its organization being dropped from W.P.R.C. membership rolls. Memberships are based on a calendar year from January 1st to December 31st. Note: Proxy votes are not allowed for elections of +officers.

2013 Paid Roster (as of Jan 8, 2013)

Abbott, Harlan N3MBC	Bailey, Elaine K3EMM	Bertoncello, Larry KA3HUK	Blue Knob Repeater Assoc
Brew, Thomas K3WS	Carlson, TJ W3GFD	Clearfield Cty ARES/RACES	Cole, John S N3TN
Crise, David N3GPM	Custer, Kevin WJ8G	DeSanzo, Bert WA3VRD	Edgar, William N3LLR
Ferguson, James WA3RSP	Graham, Audrey KB3EAR	Hartzell, James WA3UQD	Headwaters ARC
Hinkle, Edward K3EDD	Kaufmann, Gilbert K3CC	Klingensmith, James N3ZJM	Korbar, Robert N3MWD
McElhaney, Dennis N3EJY	McElhaney, Joseph KR3P	Miller, Ronald K3SAL	Pato, Andrew WA3PBD
Penn State ARC K3CR	Phillips, Mark A N8UVQ	Presky, Dennis K3PSP	Quad County ARC N3QC
Rushton, Cynthia WB3CNJ	Skyview Radio Soc K3MJW	Sorisio, Elmer KB3WG	Troutman, Barry N3TNA
Two Rivers ARC W3OC	Zimmerman, Michael N3XCC	Bidzilya, Paul AB3PJ	

W.P.R.C. Facebook Page Announced

In mid-November it was announced that a new face has appeared on the FaceBook Interactive System. It is from your own W.P.R.C. You can find it on:
<http://www.facebook.com/pages/Western-Pennsylvania-Repeater-Council/539372362744118>.

Frequency Coordination Survey Project

This project is winding down. It should be completed shortly. If you have not yet submitted your frequency coordination survey, please send it in as soon as possible. Most likely their will be some de-coordinations after this project ends.

WPRC November 17, 2012 Special Meeting
The Masonic Lodge, 225 West Mahoning Street, Punxsutawney PA

A very informative and open to members and visitors Board of Directors work session was held from 12:30PM until 2:10PM at which time Tom Brew K3WS suggested starting the Special Meeting.

WPRC Special meeting called to order 2:12pm by Jim Knox N5NWC WPRC's new Vice-Chairman elected October 21, 2012. N5NWC is Acting Chairman until the Chairman election to be held at the January meeting.

Jim N5NWC started the meeting with prayer and blessing of all in attendance asking for guidance and support as we all strive to do the best we can in our efforts.

1. As a first order of business Jim N5NWC reestablished the committees for the record going into the new 2013 session of the WPRC. Jim acknowledged that these committees were previously appointed and voted on under Vice-Chairman Paul Plants W3PLP who served his full term until the October elections.

2. Jim Knox confirmed Technical committee established and appointed Kevin Custer WJ8G as chairman.

3. Jim Knox confirmed Bylaws committee established and appointed Jeff Blake N8PSU as chairman.

4. As Jim was announcing public relations committee: Joe McElhaney KR3P called point of order to clarify that the current constitution states the vice-chairman is responsible for public relations. Jim accepted that comment and the responsibility and decided to then delegate some public relations duties to Scott Zimmerman N3XCC.

5. Elaine Bailey K3EMM asked for clarification on acceptance of new member applications. A lot of good around the room discussion took place. Paul W3PLP pointed out the current method of processing new member applications allowed enough time for the Board to process the paperwork. Sam W3CYO suggested that it was ok to accept new members at a current regular meeting but they should be provisional and not given voting rights until the next regular meeting. Kevin WJ8G suggested that the bylaws committee handle final language in the new bylaws planned for early 2013.

W3BC made motion to accept new member applications received at least 15 min prior to the regular meeting as provisional members in good standing with voting rights at the next regular meeting after application acceptance. Kevin WJ8G 2nd. Voted Unanimous zero Nays and 2 Abstentions

Note: Paul W3PLP questioned if this was a modification to the current constitution. All agreed it was a procedural clarification and the new by laws would reflect a new formal process.

6. Reading of the October Meeting Minutes:

W3BC motioned to accept the minutes as published without reading out loud:

Paul W3PLP asked for modifications:

a. Item #3 change to Kevin WJ8G made a motion which was set off the floor by W3PLP to finish current business and Kevin was given a chance to continue his motion that was then withdrawn by Kevin.

b. Joe KR3P asked for modifications:

Item #11 change word approved to addressed

Correct Joe KR3P call sign in 4 places

On the roster list add J to oe correcting Joe's first name

c. Sam W3CYO asked for modifications:

Sam asked to have O added to the end of W3CY in the secretary elections area.

Tom K3WS commented that he was happy so many read the notes so well leading to laughter in the room.

d. Tom K3WS mentioned a modification to change 2nd item # 14 to Item to #15.

W3BC then moved to accept as modified. 2nd Jeff N8PSU 2nd the motion.

Voted Unanimous zero Nays and zero Abstentions

7. Technical Committee Report provided by Kevin Custer WJ8G

As the WPRC Technical Committee Chairman, it is my hope to establish a support mechanism to assist the Frequency Coordinator of the WPRC. The Technical Committee should help the Frequency Coordinator by relieving some of the responsibility for research, coverage prediction, and general logistics. Two experienced repeater technical personnel expressed their interest in the Technical Committee at the November Special Meeting. Past WPRC Frequency Coordinator Joseph McElhaney - KR3P and ARCC Database Manager and broadcast engineer Jeff DePolo - WN3A volunteered, and were officially appointed to the WPRC Technical Committee. We will do our best to support the Frequency Coordinator in his duties.

8. Scott N3XCC motioned to officially re-appoint the Frequency Coordinator as a formality moving forward with the new 2013 Session of the WPRC. Vice-Chairman Jim N5NWC appointed Frank Borbo N3FB as Board appointed Frequency Coordinator.

9. Bylaws Committee Report provided by Jeff Blake N8PSU

Jeff Blake presented information regarding the by-laws committee work in progress.

The committee consists of Jeff Blake N8PSU, Carmine Prestia K3CWP, Alan Carnes N3FJU, Elaine Bailey K3EMM, Cynthia Ruston WB3CNJ.

To date, the committee has sought out and reviewed the Bylaws of the ARCC and a draft document developed by Reed Smith Law Firm of Pittsburgh.

The committee intends to utilize both documents, as well as committee and at large membership input, to develop a new document that reflects operational efficiency, minimizes conflict potential and emulates an efficient structure.

General concepts include updating membership definitions and criteria, improving clarity surrounding the voting privileges of members. Additionally, the committee is discussing the addition of regional representatives to expand member representation on the Board.

It is clear there are multiple language conflicts in the existing constitution that, under certain circumstances, can promote and perpetuate conflict. The committee hopes to present a document for review by the membership that exhibits solid clarity and operational efficiency that will carry the WPRC forward in the years to come.

10. Public Relations Report

Jim N5NWC gave a brief public relations activity report regarding a possible interference report. He mentioned that between N5NWC and Chuck W3ON the issue was favorably and professionally resolved for all parties.

Tom K3WS - mentioned receiving e-mails complementing the WPRC on fast replies to questions and issues. W3BC mentioned that he writes and publishes the PE and his willingness to publish a WPRC page in the electronic publication.

N8PSU suggested a formal BoD drafted press release on the WPRC to be released.

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11. Treasurer's Report

Elaine K3EMM read the Treasurer report for Chuck W3ON who could not attend the special meeting due to illness.

Expenses: \$72.00 -- Check 1013-Bill Kristoff N3BPB Postage --Total Expenses: \$72.00

Deposits: 10/31 \$0.07 Interest-Deposits: 11/7 \$585.00 Dues-Total Deposits: \$585.07

Beginning Balance: \$3872.13-Total Expenses: \$72.00-Total Deposits: \$585.07-Ending Balance: \$4385.20

Note: Check 1011 to Reed Smith issued 7/31 \$424.50 Incorporation Payment (Cashed 8/23)

Kevin WJ8G motioned to accept. 2nd by Jeff N8PSU 2nd - Voted Unanimous 0 Nays and 0 Abstentions

12. Old Business

Joe KR3P mentioned an issue with N3DDY 443.900 coordination of 3 years ago. After some discussion and look up by Frank N3FB, Tom K3WS suggested sending the issue to the Technical committee for proper processing.

Joe KR3P motioned to move issue to the Tech Committee for research and resolution. Elaine K3EMM 2nd the motion.

Voted Unanimous 0 Nays and 0 Abstentions

13. WPRC Incorporation Status

Jeff N8PSU, who has handled this issue very well, reminded us of what needed to be done to complete the incorporation process for WPRC. We simply need to cut a \$125.00 check, enclose it with the release letter and signed application and mail it back to the Pa. State Department. A Thank you from the group was expressed to Jeff N8PSU for his efforts in this project. Jeff N8PSU motioned to have Ron Frank of Reed Smith Inc serve pro bono as a consultant on WPRC Bylaws matters. Voted Unanimous 0 Nays and 1 Abstentions

13a. Side note inserted December 12, 2012 by Tom K3WS. WPRC is now officially incorporated as of this publication.

14. Return of WPRC property

Joe KR3P returned the raised seal frequency coordinator stamp. Receipt signed by Tom K3WS and raised seal issued to Frank N3FB by Jim N5NWC. In an effort to finally clear up all open issues between WPRC and Joe KR3P, Tom K3WS asked the group if there were any remaining unsettled issues as we desire to go into 2013 with a clean slate between the WPRC and Joe KR3P. Paul W3PLP brought up the ownership of the domain wprc.us. After a lot of around the room discussion. Kevin WJ8G motioned that the WPRC absorb and transfer wprc.us to WPRC ownership, with WPRC covering any costs to do so. Joe KR3P agreed to allow this transfer. Jeff WN3A 2nd the motion. Voted Unanimous 0 Nays and 0 Abstentions. K3WS asked Paul W3PLP and Sam W3CYO for their concurrence, as long time WPRC members, if this closes out the open Joe KR3P items, and with their concurrence announced this now concludes all open business with Joe KR3P. We can now move on with a clean slate.

15. Comment

Jim N5NWC reported on a reported cross band concern. He noted it was cleared up with a few e-mails and the help of Chuck W3ON. WJ8G noted while monitoring the e-mail traffic how W3ON's reply was very technically correct.

16. Automation

N5NWC mentioned this was very well discussed in the open work session held before the official start of the special meeting. Note: Everyone in the special meeting attended the open work session.

It was noted that Elaine K3EMM and Tom K3WS have made a lot of progress on electronic automation of WPRC documentation and processing and all board members are participating in the new filing and processing system.

17. Next Meeting. Jim N5NWC announced the next meeting will be in Washington PA Jan 20th. Confirmed as listed on www.wprcinfo.org. Paul W3PLP mentioned alternate site very close if the center is tied up with an emergency.

Joe KR3P questioned the size of the Greensburg site. It was agreed this would be discussed next meeting.

18. Adjournment. Sam W3CYO motioned to adjourn the meeting. Paul W3PLP 2nd -Voted Unanimous 0 Nays and 0 Abstentions

18a. Jim N5NWC adjourned the Special Meeting at 3:12 pm November 17, 2012.

"Let's Eat!!!!" Most in attendance stayed and enjoyed a very nice meal prepared by those in attendance. It was a nice way to end the day, with a lot of general comments complementing each other on a very productive meeting.

All WPRC meetings are digitally recorded for accuracy and quality assurance.

20. Attendance as copied from the signed attendance Log Number 3363

Tom Brew K3WS Member – Secretary

Elaine Bailey K3EMM Member – Assistant Secretary

Jim Knox N5NWC Member – Vice Chairman/Acting Chairman

Patty Marshall N3XAR Member

Jeff DePolo WN3A Member

Kevin Custer WJ8G Member – Technical Committee Chairman

Gerald Bosak WD3D Member

Lori Bobro KB3GMU Guest

Mike Errigo WB3EQW-Member

Jack Brew Guest

Frank Borbo N3FB Member – Frequency Coordinator

Sam Mayberry W3CYO - Member

Paul Plants W3PLP Member

Joe McElhaney KR3P Member

Scott Zimmerman N3XCC Member – Publicity Committee

Terry Carlson W3GFD Member

Alan Carnes N3FJU Guest

Joe Shupienis W3BC Member

Jeff Blake N8PSU - Member—Bylaws Committee Chairman

Notes compiled by Tom Brew K3WS, with submissions from Kevin WJ8G, Jeff N8PSU and Elaine K3EMM, and editing and formatting by Elaine K3EMM.

On behalf of the Board of Directors and Special Committees, thank you to everyone for your continued support and assistance in the growth and continued success of the WPRC providing effective coordination services to the amateur community. Merry Christmas and Happy New Year See you all Jan 20th.

Respectfully submitted by Tom Brew K3WS – Secretary

Please note that these meeting notes are subject to review at the next regular WPRC meeting.

SCARC DUES RENEWAL FORM FOR THE CALENDAR YEAR 2013

NAME: _____ CALL: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE # DAY: _____ EVENING: _____

D. O. B. _____ LICENSE CLASS: _____ EXPIRES: _____

E-MAIL: _____ 2nd. E-MAIL: _____
for sending S.C.A.R.C. Info. ONLY

A MONTHLY NEWSLETTER WILL BE SENT TO THE E-MAIL ADDRESS ABOVE.

Any CLUB information deemed important will be sent by e-mail or by phone.

Please indicate if you are a member of ARRL: yes _____ NO _____

ARRL information is requested to keep our ARRL affiliation Current.

Per SCARC Constitution article VII, sec & by-laws, annual dues must be paid by the business meeting in April.

ANNUAL MEMBERSHIP DUES RATES:

Regular Member: \$50.00

2013 Early payment discount
of 10% will apply to dues paid
in full by the February meeting. \$45.00

DX Member: \$15.00

Family member
(same household/address) \$15.00Make your check payable to: STEEL CITY AMATEUR RADIO CLUB. Please note your call sign on
your check. Your check is your receipt. Payment can be mailed to; S.C.A.R.C. P.O. Box 281
Carnegie, PA 15106 or the treasurer; Walt Adkins - KA3YNO, 476 First Street, Heidelberg, PA 15106Payments will be accepted on Wed. social evenings & the Tue. business meetings. Your early renewal
assures your continued access to the clubhouse and better planning for activities.

Now in our **EIGHTEENTH** big year!



WASHfest 2013

The South Hills Hamfest

Sponsored by the Wireless Association of South Hills Amateur Radio Club, Inc.
Sunday, February 24th , 2013

8:00 AM until 3:00 PM Rain or Shine (or even Snow!)

Castle Shannon VFD Memorial Hall

3600 Library Road (SR 88),

Castle Shannon, PA



Talk-In on 146.955(-) and 443.650(+) 131.8 PL

Admission Only 5.00

DXCC Card Checking Available!

Thanks to WPa Card Checker Art Lund NQ3A

MAIN PRIZES - *You've Got to play to WIN!***1st Prize: Yaesu FT-897DD**

2nd Prize: Kenwood TM-V71A

3rd Prize: LDG AT-200 Pro Tuner

4th Prize: Clear Speech Speaker

Additional Hourly Door Prizes! Special Black Box Prize [Separate Drawing]**Main Prize tickets are \$2.00 each, or 3 for \$5.00. 7 for \$10 & 15 for \$20****All Prizes Subject to last-minute changes****For reservations, or information, Contact:****Carol Danko KB3GMN at (412) 884-1466 n3sbf@comcast.net*****FREE Coffee for the entire Hamfest courtesy of:******HAM RADIO INSURANCE ASSOCIATES of Canonsburg , PA******(800) 545-8881*****Breakfast & Lunch provided by [Jack's Catering of Peters Township](#)**

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2M Repeater: 147.030/147.630MHz (123.0 hertz PL tone)
70cm Repeater: 444.450/449.450MHz (103.5 hertz PL tone)

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