



Membership Form 2014

This form may be used for any of the following purposes (check all that apply):

- Pay Dues (New Renew)
- Change of Mailing Address
- Update personal information (new callsign, upgrade, etc.)

Personal Information

Call Sign _____ License Class _____ Name _____

Address: _____ City: _____ State _____ Zip _____

Email Address: _____ ARRL Member? Yes No

Home Phone: _____ Cell Phone: _____

Ham Hum Delivery: Mail Email

Spouse Information (complete only for spouse applying at same time)

Call Sign _____ License Class _____ Name _____

Email Address: _____ ARRL Member? Yes No

Minor Dependent (complete only for minors applying at the same time)

Call Sign _____ License Class _____ Name _____ ARRL Member?

_____ Yes No

_____ Yes No

_____ Yes No

New Member Application Signature

I agree to conduct my activities in accord with the Articles of Incorporation and Bylaws of the AK-SAR-BEN Amateur Radio Club, Inc.

Signature _____

Date _____

Annual Dues (January thru December)		
For Club Use Only – DO NOT WRITE IN THIS AREA		
<input type="checkbox"/> Full Member	\$20.00 year	Amount: _____
<input type="checkbox"/> Accompanying Spouse	\$ 4.00 year	Amount: _____
<input type="checkbox"/> Accompanying Minor Dependent	\$ 4.00 year times number of minors renewing	Amount: _____
<input type="checkbox"/> Student Member (full time student)	\$ 8.00 year	Amount: _____
		Total Paid: _____

Make sure your information is correct and return this form to the Club with your dues. Dues are payable at any time and are considered in arrears if not received by Feb 28. Club members renewing within two years of their last year of paid membership must still pay the the full years dues. After two years, members must reapply for membership.

Ham Hum

Volume LXIII, Issue 11

November 2013

Paranormal Analysis



David Pares KCØIZT and Matt Judah

The topic for the October meeting was about using electronics to monitor and analyze paranormal activity. Specifically a portable monitoring station designed by David Pares KCØIZT (Adjunct Professor at UNO) and his associate, Matt Judah. Consisting of both off-the-shelf and custom hardware and software, the station can be packed into a medium-sized hand held case for easy transportation.

Some of the equipment they talked about included a radiation meter, a trifield meter (monitors electric and magnetic fields, plus RF), gamma ray detector, IR and video cameras, temperature detectors, and a custom USB interface to permit sending the data to a laptop computer. Other custom items consisted of an ionization machine designed by Professor Pares and fractal analysis software by Matt Judah.

The ionization machine pumps ions into the air and is used in conjunction with some of the above equipment to detect the possibility of paranormal sounds and other activity. For sounds, the researchers use software such as Audacity to process and extract any speech that may be present.

(Paranormal Analysis continued on page 6.)

Time to Nominate AARC Officers
SEE PAGE 11 FOR DETAILS.



👉 **November Meeting: Code** 👈

For the November meeting, Adam Kavan, KDØMMG, will discuss how code is used in digital communications to compress data and to ensure that it is error-free. For details, see *Veep Speaks* on page 3. This promises to be as interesting and educational as the talk he gave on cryptography last July. Don't miss it.

Friday, October 11th, 7:00 PM, Red Cross Building, 81st & Spring Streets, Omaha, NE.

HAM HUM is the official newsletter of the AK-SAR-BEN Amateur Radio Club, Inc. in Omaha, Nebraska. It is printed monthly and is distributed to members of the club, local disaster officials, local electronics outlets, and editors of other ham radio newsletters.

Articles about activities of members are solicited. The subject matter must be of general interest to radio amateurs and be understandable to a significant portion of the membership. No payment will be made to contributors and submissions will be subject to the usual editorial review. Articles containing statements that could be construed as libel or slander will not be accepted. No guarantee can be made that an accepted article will be published by a certain date. Send your contributions to Ham Hum, P.O. Box 24551, Omaha, NE 68124-0551 or email hamhum@aksarbenarc.org. Please contact the editor for permission to reprint anything appearing in the Ham Hum.

Club Officers & Board Members

President	Tomas Hood	NW7US	402-915-1771	nw7us@nw7us.us
Vice President	Adam Kavan	KD0MMG	402-598-1521	akavan@gmail.com
2013-2014 Secretary	Bill True	WA9ASD	402-426-2813	williamtrue@aol.com
2013-2014 Treasurer	Dave Rice	N0JSB	402-571-8915	davegr@netzero.net
2013 2014 Director	Mitch Saure	WB0GBI	402-455-6205	skyking195@aol.com
2013 Director	Barb Westcott	KC0HLB	402-510-0308	barbwestcott@cox.net
Immediate Past President	Mary Joseph	N0TRK	402-492-9156	n0trk@arrl.net

Club Committees

Courtesy Committee	Bill McCollum	KE0XQ	402-690-7965	ke0xq@cox.net
Education	Mary Joseph	N0TRK	402-492-9156	n0trk@arrl.net
Field Day	Rob Buchholz	A17Q	402-964-9960	ai7q@arrl.net
Membership	Mary Joseph	N0TRK	402-492-9156	n0trk@arrl.net
Monday Night .94 Net	Rich Swig	WA0ZQG	712-256-7774	wa0zqg@yahoo.com
Prizes	Rollie Miller	AB0NN	402-333-1606	ab0nn@arrl.net
Public Service/Emergency	Jim Harper	KC0SHZ	402-659-0102	kc0shz@yahoo.com
Publications	Bill Wilkinson	KC0SVZ	402-397-8803	kc0svz@gmail.com
QSL Manager & Technical	Ed Edwards	K0IL		k0il@arrl.net
Special Events Coordinator	Pat Joseph	K0CTU	402-492-9156	ppjoseph@cox.net
Web Services	Mary Joseph	N0TRK	402-492-9156	n0trk@arrl.net

Repeater Committee

Chairman	John Gebuhr	WB0CMC	402-932-3443	wb0cmc@cox.net
Vice Chairman	Steve Schmitz	N0UP	402-306-2972	n0up@arrl.net
Control Operator	Mary Joseph	N0TRK	402-492-9156	n0trk@arrl.net
Club Callsign Trustee	Corby Krick	K0SKW	402-540-5483	k0skw@k0skw.net

Other Contacts

ARRL Midwest Director	Clifford Ahrens	K0CA	573-221-8618	k0ca@arrl.org
ARRL Midwest Vice-Director	Rod Blocksome	K0DAS	319-393-8022	k0das@arrl.org
EC Douglas County	Steve Schmitz	N0UP	402-306-2972	n0up@arrl.net
EC Sarpy County	Dennis Mitchell	KC0YKN		
Exams/Vol. Council	Brian Zdan	KM0Y	402-553-2610	bzdan@novia.net
NE Section Manager	Matt Anderson	KA0BOJ	402-580-5515	ka0boj@arrl.org
Official Observer Coordinator	Bill McCollum	KE0XQ	402-690-7965	ke0xq@cox.net

Address Change?

If you've changed your mailing address, or would prefer to receive the *Ham Hum* via email, please contact Mary N0TRK (Membership) or Bill KC0SVZ (Publications) with your new information.

AARC on the Web

Club Web Site: <http://www.aksarbenarc.org/>

Facebook: <https://www.facebook.com/aksarbenarc>

Yahoo! Groups: <http://groups.yahoo.com/group/AKSARBENTalk/>

AARC Officer Nominations

We have once again reached the time of year for Club Officer nominations. This includes President, Vice-President, and Directors. Please consider volunteering for one of these positions.

President: Adam Kavan KD0MMG

Vice-President: _____

Director: Barb Westcott KC0HLB

Director: Dave Rice N0JSB

Director: Russ Rosenquist N0MNW

Director: _____

Assess your dedication, position, and ability to accept a floor nomination. Help continue to keep AARC an ongoing strong organization. Realistically, it takes only a couple hours each month. If you are interested or willing to take a position please contact one of the current Club officers to discuss the details. Please consider helping.

AK-SAR-BEN ARC PROXY

This form is used to have your vote represented by a member attending the annual business meeting in the event you are unable to attend. If you cannot attend, decide on whom or what you wish to vote and instruct the recipient of your proxy to do so.

Known by all men by these presents, that the undersigned hereby constitutes and appoints _____ as attorney and proxy to appear and cast the votes which the undersigned, as a member of the AK-SAR-BEN Amateur Radio Club, Inc., is entitled to cast at the annual meeting of said corporation, to be held at the Heartland Chapter House of the American Red Cross, 2912 South 80th Avenue, Omaha, Nebraska on December 13, 2013, and at any adjournment thereof. The undersigned hereby instructs said attorney to vote:

1. For the election of new directors and officers of the corporation, and
2. Upon any other business which may properly be brought before the meeting of any adjournments thereof.

Member Signature: _____

Date: _____, 2013

Club Calendar

Nov 8-9	ARRL Midwest Division Convention. 500 East Elm, Lebanon, MO.
Nov 8	7:00 PM AARC Meeting. Red Cross Building, 81 st & Spring St, Omaha, NE.
Nov 9	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
Nov 9	1:00 PM BARC VE Test. 11111 S. 84th St., Papillion, NE.
Nov 13	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
Nov 16	6:00 PM AARC Coffee. Perkins Restaurant, 108 th & L Streets, Omaha, NE.
Nov 20	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
Nov 21	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
Nov 21	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
Nov 21	7:30 PM SWIARC Meeting. 705 N 16 th , Council Bluffs, IA.
Nov 25	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge Streets, Omaha, NE.
Nov 26	6:30 PM AARC VE Session, Red Cross Building, 81st & Spring St, Omaha NE.
Dec 5	11:00 AM QCWA Meeting. Old Country Buffet, 14525 W. Center Rd., Omaha, NE.
Dec 7	SKYWARN Recognition Day.
Dec 7	6:00 PM PARC Christmas Party. Leroy's Steakhouse, North Bend, NE.
Dec 11	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
Dec 13	7:00 PM AARC Meeting. Red Cross Building, 81 st & Spring St, Omaha, NE.
Dec 14	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
Dec 18	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
Dec 19	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
Dec 21	6:00 PM AARC Coffee. Perkins Restaurant, 108 th & L Streets, Omaha, NE.
Dec 23	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge Streets, Omaha, NE.
TBD	SWIARC December Dinner Meeting.

For more details and the latest updates, see the *Calendar* section of the AARC web site (<http://www.aksarbenarc.org/>).

EVENT NOTICES

ARRL Midwest Division Convention Nov. 8 & 9, 2013. Cowan Civic Center, 500 East Elm Street, Lebanon, MO 65536. Sponsor: Lebanon ARC & Missouri DX/Contest Club. Talk-In: 146.700 (PL 88.5). Public Contact: Ron Lowrance, K4SX, 2 Inland Court Wright City, MO 63390. Phone: 636-745-0078, Email: k4SX@centurytel.net. Website: <http://www.arrlmidwestconvention.com>

PARC and SWIARC Nov. 21, 2013. Meeting moved up from Nov. 28 due to Thanksgiving.

QCWA 210 Dec. 5, 2013. November and December meetings combined.

Want to Use KØUSA 146.940 for Community Service Events?

The KØUSA repeater is an open repeater system and available for any licensed amateur radio operator to use. We welcome other clubs and organizations to use the repeater for providing communications support for non-profit activities.

To avoid any scheduling conflicts with the use of the repeater for these community service nets, the Club asks that you obtain permission from the Ak-Sar-Ben ARC Repeater Committee *at least 72 hours* in advance of the date of the net.

To submit your request, please click the *KØUSA Use Request Form* link on the AARC web site: <http://tinyurl.com/msodyvh>



Veep Speaks

Thanks to David Pares, KCØIZT, for visiting us last month. If you want to know more about the topics he was talking about, the clubs he mentioned meet on Saturdays from 12:00 PM to 2:00 PM at Room 285 in the Durham Science Center.

For our November program, I will be giving a presentation on codes. Unlike cryptography, whose goal it is to hide what you are sending, the codes I will be talking about will be codes to make it easier to send things; either by shrinking the amount of data you need to send, or by sending extra data so that transmission errors can be corrected automatically. The neatest codes, for me, are the codes used to make radio transmissions more reliable when asking your source to send it again won't work.

Lastly, we are only one month away from our annual Club elections. We will need two Board members, a President, and a Vice President. I have really enjoyed my time as Vice President, it's really fun to be able to pick out programs for the Club to see, and to be involved in planning our events like Field Day and the Flea-esta. I strongly recommend that if you are interested, or know someone you think would have fun, let me know!

Thank you for reading and I look forward to seeing you all at our next meeting.

Adam KDØMMG, Vice President AARC

Borrow a Rig

Members of the Ak-Sar-Ben Amateur Radio Club, who are in good standing (that means current on your dues!) and possessing an active FCC issued US Amateur Radio License may borrow one of two Icom HTs.

Each radios is a basic two meter transceiver, which makes it great for the new user. It has an NiMH battery and a drop-in charger, plus an alkaline pack. It is completely programmable from the keyboard, so there is no need for the complication of computer based programming. Thus, it's perfect for when you need to borrow a rig to help with that community service event, or if you are just itching to get on the air as you shop for your new radio.

The radios are available for checkout at any club meeting and you can use it to your hearts content for the next month. Just bring it back to the next month's club meeting. If you can't make a meeting for either check out or return, you can contact the equipment committee at equipment-committee@aksarbenarc.org to make arrangement for its return. Someone else might be waiting!

For the current status of each radio and check out information, see the AARC web page at <http://tinyurl.com/qak4vvu>

de AARC Equipment Committee

Saturday Night Coffee: It was great! Lots of neat people were there—KØCTU, KØNEB, KCØSVZ, KDØSVD, NØRIS, NØTRK, WØSMY & XYL, and WBØCMC. Too bad if you missed it. The conversation was interesting and entertaining. See *Club Calendar* on page 10 for the next get-together.

Bill KCØSVZ

Club Meeting Minutes – October 11, 2013

Bill WA9ASD, Secretary AARC

The meeting was called to order at 7:01 PM by Adam, KDØMMG in the absence of Tomas, NW7US and with introductions by name and call followed by saying the Pledge of Allegiance. There were 31 attendees.

Officers and Board members present included: Dave, NØJSB; Mitch, WBØGBI; Mary, NØTRK; Bill, WA9ASD, Barb, KCØHLB and Adam, KDØMMG.

Secretary's Report - Bill, WA9ASD - The minutes of the August meeting were published in *Ham Hum*. A motion was made by Mary, NØTRK, seconded by Wayne, WH6BUL, to accept the August club meeting minutes as published in *Ham Hum*. There were no corrections required and the motion passed unanimously.

Treasurer's Report - Dave NØJSB - In the month of September Dave reported that there were deposits \$21 from refreshments, equipment sales of \$164, cook books of \$15 and Flea-Esta of \$2,065.90. Payments consisted of \$15.25 for refreshments, \$40 for JOTA badges and \$477.97 for Flea-Esta expenses. This leaves the balance of all the club accounts at \$22,190.10.

President's Report - Tomas, NW7US - not available.

Vice President's Report - Adam, KDØMMG - Adam reported that tonight's program will be by David Pares, KCØIZT on Portable Analysis and Monitoring Station for UNO UFO Study and Paranormal Group.

OMMRS - Mary, NØTRK - There will be an afternoon drill on Wednesday, Oct. 16.

Community Events - Pat, KØCTU - The Market to Market Relay, the largest relay race of it's type in the U. S. is coming up tomorrow. We will be using 145.35 with 146.94 as backup. We have almost all checkpoints double covered with 10 people participating but we could use a couple of more volunteers. The Crop Walk is on the 13th from 1 to 4 PM starting from 60th and Dodge.

Education Committee - Mary, NØTRK - There are no plans for a class at this time.

Membership Committee - Mary, NØTRK - Some dues payments a trickling in. We need to form a nominating committee for next year's club officers.

Ham Hum - Bill, KCØSVZ - Bill reported there were no problems this month.

Web Site - Mary, NØTRK - It's OK.

Repeater Committee - John, WBØCMC - It's working.

Field Day - Is still over.

QSL and Technical Committee - Eddy, KØIL - Check the AARC Facebook page.

Courtesy Committee - Bill, KEØXQ - no activity.

Trailer/Equipment Committee - Mary, NØTRK - No more work on the trailer will occur this year. It needs to move to its winter home. Some donated Club equipment has sold in the past year.

(Meeting Minutes continued on page 5.)

Want Ads

Wanted: Linksys Router Did you upgrade your router? Still have your old one in the closet? I am looking for Wireless Linksys Router Models WRT54G (version 1 – 4), WRT54GS (version 1- 4), and WRT54GL (any version). If you aren't sure of the version, email me the first 4 characters of the serial number and I can tell you if I can use it. This is for a ham radio project. Willing to pay \$10 for complete and working units, Will still take them off your hands if they aren't working. Contact: Mary NØTRK at the next AARC meeting, or email n0trk@arrl.net

For Sale: Heathkit SB-104A HF Transceiver Vintage Heathkit SB-104A powers on, receives and transmits, needs tweaking to take it back to full potential. Comes with Heath Power Supply, matching SB-604 speaker. Power supply is not currently mounted in the SB-604 case, but it is designed to do so. Includes the Heathkit extender board (selling for over \$50 on eBay), Assembly and Operation manuals for the SB-104A, manual for the PS-1144 power supply, and the SB-605 Speaker and schematics. (Manuals go for \$10 to \$25 each) Everything is in great condition. Price: \$400.00, but all offers considered. Contact an AARC officer at the next meeting or send an email to the Club web site at <http://tinyurl.com/m6jdhud>

For Sale: Kenwood TS-570D HF Transceiver I have a very clean and 100% TS-570D with an added DRU3A voice recording board. The CW recording comes as part of rig itself. I also have an SP120 speaker that will go with it. I would like \$700 but am willing to talk. I want to upgrade to 590 but the XYL says I need to sell or try to sell this first. Price: \$700. Contact: Tom Huber, WDØBFO, via email through the AARC web site at <http://tinyurl.com/kn6gepg>

For Sale: Kenwood TS-520S HF Transceiver I have a TS-520S works, but very low drive and hard to tune. Tried to align and change finals but no luck. I think it would be a nice tech special if somebody had the time. I have the MS50 desk mic and HM102 SWR/Power meter to go with it. No reasonable offer will go unconsidered. I would like \$200 for all three pieces, but make an offer if that is too much. Thanks for the consideration. Price: \$ 200. Contact: Tom Huber, WDØBFO, via email through the AARC web site at <http://tinyurl.com/kn6gepg>

For Sale: Tower, Antennas, etc. Used 48' HDBX Self Supporting, Tilt-over Tower. Cushcraft 214B 2 Meter Antenna. Ham 4 Rotor/controller. Climbing Belt. Two 40' and one 30' Hardline with connectors. 20' Mast. Cushcraft 617-6B 6 Meter Antenna, 34 ft. boom, 6 elements, 14 dB gain. All as is and loaded in trailer ready for delivery. Price: \$500. Contact: Dave NØJSB at davegr@netzero.net or call 402-571-8915.

Area Nets Correction: New Tuesday Night Net

The "new" net reported on page 8 of the October *Ham Hum* is not new. It is the Chapter 210 QCWA Net that runs from about the first of October until the end of March. In fact, it's been listed above (now updated) for months. *Sigh*. I should have caught that during proof reading. (Thanks to Bill KEØXQ for pointing the error.)

Bill KCØSVZ

(Contest Calendar continued from page 7.)

<u>December 2013</u>	
SARL Digital Contest	1300Z-1600Z, Dec 1
ARS Spartan Sprint	0200Z-0400Z, Dec 3
NRAU 10m Activity Contest	1800Z-1900Z (CW), 1900Z-2000Z (SSB), 2000Z-2100Z (FM), 2100Z-2200Z (Dig), Dec 5
NCCC Sprint	0230Z-0300Z, Dec 6
ARRL 160-Meter Contest	2200Z, Dec 6 to 1600Z, Dec 8
TARA RTTY Melee	0000Z-2400Z, Dec 7
Wake-Up! QRP Sprint	0600Z-0629Z, 0630Z-0659Z, 0700Z-0729Z, 0730Z-0800Z, Dec 7
SKCC Weekend Sprintathon	1200Z, Dec 7 to 2400Z, Dec 8
TOPS Activity Contest	1600Z, Dec 7 to 1559Z, Dec 8
AWA Bruce Kelley Memorial CW Contest	2300Z, Dec 7 to 2300Z, Dec 8 and 2300Z, Dec 14 to 2300Z, Dec 15
Ten-Meter RTTY Contest	0000Z-2400Z, Dec 8

Sources: <http://www.hornucopia.com/contestcal/index.html> & <http://www.aksarbenarc.org>

Area Nets

Monday

- 7:00 PM 145.290 South-West Iowa ARES Glenwood, IA.
- 8:00 PM 144.250 NE Missouri SWOT.
- 9:00 PM 146.940 AARC Chat Net. Ak-Sar-Ben ARC Omaha, NE.

Tuesday

- 7:00 PM 147.360 QCWA Net, Chapter 210 (seasonal, October through March).
- 8:00 PM 50.200 6m SSB Net.
- 9:00 PM 145.310 Washington Co. ARES Washington Co, NE.

Wednesday

- 7:00 PM 146.670 Dodge Co. ARES Dodge Co, NE.
- 7:30 PM 7.122 CW Four State QRP Comfortable Net.
- 8:00 PM 3.564 CW Four State QRP Comfortable Net.
- 8:00 PM 145.310 Saunders Co. ARES Saunders Co, NE.
- 8:30 PM 7.122 CW Four State QRP Comfortable Net.
- 9:00 PM 3.580.5 PSK Four State QRP Comfortable Net.
- 9:00 PM 146.820 Pottawattamie County ARES Council Bluffs, IA.

Thursday

- 8:00 PM 28.350 10-Meter Net.
- 8:00 PM 144.250 2-Meter SSB Net.
- 8:00 PM 146.360 Heartland DX Association.
- 9:00 PM 28.305 10-Meter Net.

Saturday

- 12:00 PM 146.82 Swap Net Council Bluffs, IA.
- 8:30 PM 3.921.000 QCWA Chapter 20.

Sunday

- 8:00 AM 3.902.500 Swap Net.
- 8:30 AM 3.896.000 3900 Club.
- 8:30 PM 443.925+ (103.5 tone) IRLP Net.
- 9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

Please let us know of any updates or corrections to the above.

(Meeting Minutes continued from page 4.)

Public Awareness - Dave, WØNRW will work with the Pioneer Club in Fremont to bring JOTA to Camp Cedars. The Wagon Wheel District has a scoutmaster who is a ham who usually sets up for a couple of hours at Camp Eagle during Camporee.

Flea-Esta - Pat, KØCTU - A good time was had by all. We are looking for a new chairman.

Old Business - none

New Business - Ralph, WØSMY thanks the club members who helped with his antenna and made a donation to the repeater fund as a way of saying thanks.

Announcements - The next VE testing session will be November 9 at Midlands Hospital. After that there will be a session at the Red Cross on November 26.

- The Iowa State Convention will be held at the Sergeant Bluff Community Center on October 12.
- The 3900 Club 40th Anniversary Roundup will be held at the American Legion Post 32 in Papillion on October 19.
- Rollie, ABØNN announced that there are door prizes for tonight's meeting including wireless headphones, a set of picks, a magnifier, the Brown Bag Door Prize, and the dreaded Mr. Reeh Door Prize. Get your tickets during the break and all tickets purchased are saved and are eligible for prizes at the December meeting. Ticket purchases fund the monthly prizes and the annual door prizes at the December meeting.

At 7:25 PM a motion was made by John, WBØCMC, seconded by Mary, NØTRK to end the meeting. Passed unanimously.

STANDARD DISCLAIMER: This product is meant for educational purposes only. Any resemblance to real persons, living or dead is purely coincidental. Void where prohibited. Some assembly required. List each check separately by bank number. Batteries not included. Contents may settle during shipment. Use only as directed. No other warranty expressed or implied. Do not use while operating a motor vehicle or heavy equipment. Postage will be paid by addressee. Subject to approval. This is not an offer to sell securities. Apply only to affected area. May be too intense for some viewers. Do not stamp. Use other side for additional listings. For recreational use only. Do not disturb. All models over 18 years of age. If condition persists, consult your physician. No user-serviceable parts inside. Freshest if eaten before date on carton. Subject to change without notice. Times approximate. Simulated picture. No postage necessary if mailed in the United States. Breaking seal constitutes acceptance of agreement. For off-road use only. As seen on TV. One size fits all. Many suitcases look alike. Contains a substantial amount of non-tobacco ingredients. Colors may, in time, fade. We have sent the forms which seem to be right for you. Slippery when wet. For office use only. Not affiliated with the American Red Cross. Drop in any mailbox. Edited for television. Keep cool; process promptly. Post office will not deliver without postage. List was current at time of printing. Return to sender, no forwarding order on file, unable to forward. Not responsible for direct, indirect, incidental or consequential damages resulting from any defect, error or failure to perform. At participating locations only. Not the Beatles. Penalty for private use. See label for sequence. Substantial penalty for early withdrawal. Do not write below this line. Falling rock. Lost ticket pays maximum rate. Your canceled check is your receipt. Add toner. Place stamp here. Avoid contact with skin. Sanitized for your protection. Be sure each item is properly endorsed. Sign here without admitting guilt. Slightly higher west of the Mississippi. Employees and their families are not eligible. Beware of dog. Contestants have been briefed on some questions before the show. Limited time offer, call now to insure prompt delivery. You must be present to win. No passes accepted for this engagement. No purchase necessary. Processed at location stamped in code at top of carton. Shading within a garment may occur. Use only in well-ventilated area. Keep away from fire or flame. Replace with same type. Approved for veterans. Booths for two or more. Check here if tax deductible. Some equipment shown is optional. Price does not include taxes. No Canadian coins. Not recommended for children. Pre-recorded for this time zone. Reproduction strictly prohibited. No solicitors. No alcohol, dogs, or horses. No anchovies unless otherwise specified. Restaurant package, not for resale. List at least two alternate dates. First pull up, then pull down. Call toll free before digging. Driver does not carry cash. Some of the trademarks mentioned in this product appear for identification purposes only. Record additional transactions on back of previous stub. Decision of judges is final. This supersedes all previous notices.

Bill WA9ASD, Secretary AARC

For images, to maintain an unbiased approach, they use Matt's fractal software to analyze photographs (both past and present) in order to quickly spot touched up pictures. This ensures, for example, that a ghost or UFO wasn't added after the fact.

After describing the equipment, Dave went into detail about their research and some of their experiences—including ghosts, UFOs, and the possibility of space warp drives, among others. In all, it was a very interesting presentation. Space prevents describing everything he covered, but you can visit his web site at <http://www.paresspacewarpresearch.org/> for more details.

Bill KCØSVZ

October Door Prizes

In October, the host of AARC's *Ham for a Day*, Rollie ABØNN, enriched the lives of six people by handing out the following prizes: Pittsburgh Four Piece Pick and Hook set, Flexible Desktop Magnifier with Light, Wireless Headphones, and a Pittsburgh Automatic Center Punch with Brass Handle. And—as looked-forward-to as a bad case of indigestion—were the Brown Bag and Mr. Reeh Door Prizes. Pat KØCTU drew the tickets.

The center punch was awarded to Ralph WØSMY, while Claudia K1AUD picked up the pick and hook set. Mitch WBØGBI got the magnifier/light, plus some free batteries from Rollie. Marvin AEØEG got the wireless headphones.

Much to Adam KDØMMG's relief, the Brown Bag Prize was a power strip. On the other hand, Steve NØUP was not so lucky—the Mr. Reeh Door Prize was something nobody could figure out. Club Secretary Bill WA9ASD took a close look at it and described it this way:

It is an aluminum box with a + and - 15 volt dc power supply module mounted in the back. There is an on/off toggle switch on the end of the box. Along one side of the box are 3 rows of 18-position barrier terminal strips. One of the rows is marked "in", the one in the middle is marked "gnd", and the other row is marked "out."

Inside the box is a perfboard with 17 LM301 dual op-amps, each with its own gain control. It appears that the box is some level-setting, matching, or buffer circuit for 17 low-level signal lines. (The eighteenth terminal in each row is unused.)

Nobody knew what it was, but guesses included "retroencabulator" and "multistage photon accelerator driver for a klystron modulator packed in liquid boron."

Note that the proceeds for each month's tickets go for buying next month's prizes. Also, all tickets are kept and included in the Grand Prize drawing in December. The more tickets you buy, the better your chances of winning at the end of the year.

Bill KCØSVZ

BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for November 25, 2013, 6:30 PM at the Village Inn on 78th and Dodge Streets. Unless noted otherwise, Board meetings take place at that time and location on the fourth Monday of the month. For any changes to this schedule, check for an announcement at the next Club meeting, or on the AARC web page at <http://www.aksarbenarc.org/>.

Contest Calendar

November 2013

QRP Fox Hunt
NRAU 10m Activity Contest

QRP Fox Hunt
NCCC Sprint
WAE DX Contest, RTTY
10-10 Int. Fall Contest, Digital
JIDX Phone Contest
OK/OM DX Contest, CW
SKCC Weekend Sprintathon
Kentucky QSO Party
CQ-WE Contest

EANET Sprint
QRP Fox Hunt
CWops Mini-CWT Test

NAQCC-EU Monthly Sprint
RSGB 80m Club Sprint, SSB
QRP Fox Hunt
NCCC Sprint
YO International PSK31 Contest
ARRL EME Contest
SARL Field Day Contest
LZ DX Contest
All Austrian 160-Meter Contest
Feld Hell Sprint
ARRL Sweepstakes Contest, SSB
RSGB 2nd 1.8 MHz Contest, CW
NA Collegiate ARC Championship, SSB
EPC PSK63 QSO Party
Homebrew and Oldtime Equipment Party
Run for the Bacon QRP Contest
QRP Fox Hunt
NAQCC Straight Key/Bug Sprint
QRP Fox Hunt
NCCC Sprint
CQ Worldwide DX Contest, CW
SKCC Sprint
QRP Fox Hunt
CWops Mini-CWT Test

QRP ARCI Topband Sprint
RSGB 80m Club Sprint, CW
QRP Fox Hunt
NCCC Sprint
Feld Hell Sprint

0200Z-0330Z, Nov 6
1800Z-1900Z (CW), 1900Z-2000Z (SSB),
2000Z-2100Z (FM), 2100Z-2200Z (Dig) Nov 7
0200Z-0330Z, Nov 8
0230Z-0300Z, Nov 8
0000Z, Nov 9 to 2359Z, Nov 10
0001Z, Nov 9 to 2359Z, Nov 10
0700Z, Nov 9 to 1300Z, Nov 10
1200Z, Nov 9 to 1200Z, Nov 10
1200Z, Nov 9 to 2400Z, Nov 10
1400Z, Nov 9 to 0200Z, Nov 10
1900Z-2300Z, Nov 9 (CW/Dig) and
0100Z-0500Z 10 (Ph), 1900Z-2300Z (Ph), Nov 10 and
0100Z-0500Z (CW/Dig), Nov 11
0800Z-1200Z, Nov 10
0200Z-0330Z, Nov 13
1300Z-1400Z, 1900Z-2000Z, Nov 13 and
0300Z-0400Z, Nov 14
1800Z-2000Z, Nov 13
2000Z-2100Z, Nov 13
0200Z-0330Z, Nov 15
0230Z-0300Z, Nov 15
1600Z-2200Z, Nov 15
0000Z, Nov 16 to 2359Z, Nov 17
1000Z, Nov 16 to 1000Z, Nov 17
1200Z, Nov 16 to 1200Z, Nov 17
1600Z, Nov 16 to 0700Z, Nov 17
1600Z-1800Z, Nov 16
2100Z, Nov 16 to 0300Z, Nov 18
2100Z, Nov 16 to 0100Z, Nov 17
2100Z, Nov 16 to 0300Z, Nov 18
0000Z-2400Z, Nov 17
1300-1500Z (40m), 1500-1700Z (80m), Nov 17
0200Z-0400Z, Nov 18
0200Z-0330Z, Nov 20
0130Z-0330Z, Nov 21
0200Z-0330Z, Nov 22
0230Z-0300Z, Nov 22
0000Z, Nov 23 to 2400Z, Nov 24
0000Z-0200Z, Nov 27
0200Z-0330Z, Nov 27
1300Z-1400Z, 1900Z-2000Z, Nov 27 and
0300Z-0400Z, Nov 28
0000Z-0600Z, Nov 28
2000Z-2100Z, Nov 28
0200Z-0330Z, Nov 29
0230Z-0300Z, Nov 29
0000Z-2359Z, Nov 30

(Contest Calendar continued on page 8.)

You may be a ham radio operator if...you have bought black electrical tape in ten packs.