

Ak-Sar-Ben Amateur Radio Club, Inc.
P.O. Box 24551
Omaha, NE 68124-0551
KØUSA 146.940(-)/224.940
Web Page: <http://www.aksarbenarc.org>



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

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: _____
<input type="checkbox"/> First Year Complimentary	(No charge for remainder of 1st year licensed)	
Date First Licensed: _____		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.

AK-SAR-BEN Amateur Radio Club, Inc.

Ham Hum

Volume LXIII, Issue 12

December 2013

Annual Meeting Issue



STOP THE PRESSES!

If you received a post card similar to the one on the left, *be sure to bring it to the meeting*. They will be used in a drawing for a special prize!

Time to Nominate AARC Officers

There are people running for every position, but there's still time to throw your hat into the ring if you have a hankerin' to be a mover and shaker.

SEE PAGE 15 FOR DETAILS.

Good Eats! Door Prizes! Vote!

There will be plenty of drawings for plenty of door prizes, at least three types of chili, sandwich fixin's, good company, and election of Club Officers. Be sure to attend!



Grand Prize: MFJ-269 Antenna Analyzer

Friday, December 13th, 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	KDØMMG	402-598-1521	akavan@gmail.com
2013-2014 Secretary	Bill True	WA9ASD	402-426-2813	williamtrue@aol.com
2013-2014 Treasurer	Dave Rice	NØJSB	402-571-8915	davegr@netzero.net
2013 2014 Director	Mitch Saure	WBØGBI	402-455-6205	skyking195@aol.com
2013 Director	Barb Westcott	KCØHLB	402-510-0308	barbwestcott@cox.net
Immediate Past President	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net

Club Committees

Courtesy Committee	Bill McCollum	KEØXQ	402-690-7965	ke0xq@cox.net
Education	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Field Day	Rob Buchholz	AI7Q	402-964-9960	ai7q@arrl.net
Membership	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Monday Night .94 Net	Rich Swig	WAØZQG	712-256-7774	wa0zqg@hotmail.com
Prizes	Rollie Miller	ABØNN	402-333-1606	ab0nn@arrl.net
Public Service/Emergency	Jim Harper	KCØSHZ	402-659-0102	kc0shz@yahoo.com
Publications	Bill Wilkinson	KCØSVZ	402-397-8803	kc0svz@gmail.com
QSL Manager & Technical	Ed Edwards	KØIL		k0il@arrl.net
Special Events Coordinator	Pat Joseph	KØCTU	402-492-9156	ppjoseph@cox.net
Web Services	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net

Repeater Committee

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

Other Contacts

ARRL Midwest Director	Clifford Ahrens	KØCA	573-221-8618	k0ca@arrl.org
ARRL Midwest Vice-Director	Rod Blocksome	KØDAS	319-393-8022	k0das@arrl.org
EC Douglas County	Steve Schmitz	NØUP	402-306-2972	n0up@arrl.net
EC Sarpy County	Dennis Mitchell	KCØYKN		
Exams/Vol. Council	Brian Zdan	KMØY	402-553-2610	bzdan@novia.net
NE Section Manager	Matt Anderson	KAØBOJ	402-580-5515	ka0boj@arrl.org
Official Observer Coordinator	Bill McCollum	KEØXQ	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 NØTRK (Membership) or Bill KCØSVZ (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 KDØMMG

Vice-President: Mitch Saure WBØGBI

Director: Barb Westcott KCØHLB

Director: Dave Rice NØJSB

Director: Russ Rosenquist NØMNW

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.

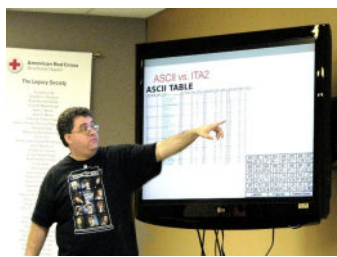
Known by all men by these presents, that the undersigned hereby constitutes and appoints _____ as attorney and proxy to appear and cast the votes which the undersigned, as a member of the AK-SAR-BEN Amateur Radio Club, Inc., is entitled to cast at the annual meeting of said corporation, to be held at 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

Error-Free Compressed Code



Adam KDØMMG explains error detection/correction.

It's a given that the better you understand your subject, the better you are at explaining it. So it was clear last month that Adam KDØMMG understood his subject very well. In this case, the subject was the coding techniques associated with Information Theory and was the topic of the November meeting.

The subject was a follow-up to Adam's talk earlier this year about cryptography (August, 2003 *Ham Hum*). The difference this time is that instead of hiding data, he talked about techniques to compress the data and ensure that nothing was lost in the transmission.

Adam started by describing Huffman coding: how it is generated and how it shows the relationship between the characters it is being used with. He used Morse Code as an example, as it is familiar to most hams. He pointed out that it uses run-length encoding (RLE) which takes up less space than a fixed length code such as ASCII. He then showed how Huffman encoding can be used to convert ASCII to a compressed RLE bit stream to reduce the time needed to send it. At the receiving end, the algorithm would be used to restore the ASCII representation. Adam stated that Huffman encoding lends itself not only to text, but also to images such as facsimile and JPG—anything with lots of repeating patterns. He also described the Lempel-Ziv-Welch (LZW) compression scheme, its history, and how it was used with GIFs and PDF files.

Adam then discussed the techniques for error detection and error correction used in digital communications. This included the earliest and simplest, such as repetition codes (send three times and pick the two that match) and parity bits. A parity bit is appended to each character and will be set high or low depending on if the number of binary ones is even or odd. If the parity doesn't match the count at the receiving end, the receiver can request that the character be retransmitted. He then went on to describe more complex systems that allow the receiving end to detect errors and correct them without having to ask for a retransmission. Hamming encoding is one such system; it uses three parity bits and matrix multiplication to reconstruct a defective byte. It has typically been used for maintaining RAM integrity and Internet communications, among others.

One drawback to the Hamming system is that it is only good for correcting single-bit errors. Adam stated that one of the solutions currently popular is Reed-Solomon encoding, which can detect and correct as much as 12 thousand bits of damage to a serial data stream. The algorithm is more complex than Hamming, but is fast and so is used in time-critical storage devices such as CDs, DVDs, and BLU-Ray.

In all, Adam gave an excellent presentation that was educational, stimulating, and resulted in a lengthy Q&A session afterwards.

Bill KCØSVZ

You may be a ham radio operator if... You have stripped wire with your teeth.



Veep Speaks

For the past year it has been my pleasure to be your Vice President. I hope all of you enjoyed the programming I arranged for us. Also, thank-you to everyone who suggested programming topics. I didn't get a chance to do all of them this year, but I will make sure to pass them on to the new Vice President.

During our next meeting we will have elections to replace Tomas and I, as well as half of the board. I hope that everyone comes out to vote, and eat some good food. As always, we will be taking nominations from the floor; so if there is someone you would like to see running for one of the positions, feel free to convince them they need to run—and then nominate them during the meeting.

As the Club prepares for the next year, now is a great time to look at the various committees that we have and choose one or more that you would like to join. Our club is involved in lots of different activities and the more members we have helping out with them, the more we can do.

Adam KDØMMG, Vice President AARC

Borrow a Rig

Ak-Sar-Ben Amateur Radio Club members who are in good standing and possessing an active FCC issued US Amateur Radio License may borrow one of two Icom HTs. Each radio is a basic two meter transceiver with an NiMH battery and charger. It is 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. You can check out a radio for one month at any Club meeting and return it at the next. Alternately, you can contact the equipment committee at equipment-committee@aksarbenarc.org. For more details, see the AARC web page at <http://tinyurl.com/qak4vvu>

de AARC Equipment Committee

Silent Keys

Joseph Roberts, WAØSTV

Long-time AARC member Joe WAØSTV passed away on November 5, 2013. He was 78. A veteran of the U.S. Navy, Joe was an ex-Mayor of Valley, Nebraska and an active ham. He had also filled various other public positions and served in several veterans organizations. He is survived by his wife, children, and grandchildren.

Edward Eichler, WBØBCB

Ed WBØBCB, age 71, passed away November 20, 2013 in Yankton, South Dakota. Ed worked in the Peace Corps from 1965 to 1968 in Puerto Rico and Venezuela. After moving to Nebraska, he served as President of AARC in 1976 and was active as a severe weather emergency responder.

Club Meeting Minutes – November 8, 2013

Bill WA9ASD, Secretary AARC

The meeting was called to order at 7:05 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 26 attendees.

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

Secretary's Report - Bill, WA9ASD - The minutes of the October meeting were published in *Ham Hum*. A motion was made by Pat, KØCTU, seconded by Jim, KAØKCV to accept the October 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 October Dave reported that there were deposits \$21 from refreshments and cook book sales of \$25. Payments consisted of \$200 for club Liability Insurance, \$492.09 for *Ham Hum*, \$28.90 for N6KVA trailer registration, \$17.14 for meeting refreshments and a \$3 bank fee. This leaves the balance of all the Club accounts at \$21,605.19.

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

Vice President's Report - Adam, KDØMMG - Adam reported that tonight's program will be by himself on Coding Theory and Error Correction.

OMMRS - Steve, NØUP - There will be an OMMRS training session on November 19 from 6:30 to 8:30 PM at Methodist Hospital.

ARES - Steve, NØUP - Steve requested that anyone needing ARES Training contact him.

COMMUNITY EVENTS - Pat, KØCTU - The Crop Walk was a success and thanks to all the operators who participated. Next year the walk will start from a new location.

The Market-to-Market Relay was a fruitful experience. There was one misdirected runner who was located and rerouted. There was a special thanks to Neil Johnson, WBØEMU for the use of his 145.435 repeater.

Mary, NØTRK reported that Sky Warn Recognition Day is December 7 this year. It is an operating event that goes from 6 PM Friday night to 6 PM Saturday night. The stations at the National Weather Service in Valley will be available for operators to contact other NWS stations and any other operator on the air via any mode on any band. Hams are encouraged to come out to the facility to visit and operate. It is much like Field Day without the contact count pressure.

Education Committee - Mary, NØTRK - There are no plans for a class until after the first of the year.

Membership Committee - Mary, NØTRK - Dues are due. They are \$20 for next year if paid today and are \$1,000,000 tomorrow and after.

(Meeting Minutes continued on page 5.)

(Want Ads continued from page 12.)

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: 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.

Club Calendar

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.
Dec 28	6:30 PM SWIARC Dinner Meeting. China Buffet, 17 th & Broadway, C.B., IA.
Jan 8	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
Jan 10	7:00 PM AARC Meeting. Red Cross Building, 81 st & Spring St, Omaha, NE.
Jan 11	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
Jan 15	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
Jan 16	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
Jan 18	6:00 PM AARC Coffee. Perkins Restaurant, 108 th & L Streets, Omaha, NE.
Jan 23	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
Jan 23	7:30 PM SWIARC Meeting. 705 N 16 th , Council Bluffs, IA.
Jan 27	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge Streets, Omaha, NE.
Jan 28	6:30 PM AARC VE Session, Red Cross Building, 81st & Spring St, Omaha NE.
Feb 8	1:00 PM BARC VE Test. 11111 S. 84th St., Papillion, NE.

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

You may be a ham radio operator if... You have told your child, "One day, all this will be yours," and he or she did not respond at all.

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.

Want Ads

Wanted: Solid state transceiver capable of 6 meter coverage Preferably older (read cheaper). Not interested in anything over \$500.00. Contact Ralph WØSMY at 402-556-5625

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@arrrl.net

(Want Ads continued on page 13.)

(Meeting Minutes continued from page 4.)

Membership Committee (continued) We received a new member application from Terry Leahy, KDØVPF who is a general Class licensee. There was a motion by John, WBØCMC seconded by everyone including Rollie, ABØNN to accept Terry as a club member. Passed unanimously.

Ham Hum - Bill, KCØSVZ - Bill reported there were no problems with production this month due to the courageous efforts of the *Ham Hum* staff. The editor did point out that the date for the November meeting printed on the cover was reported as October 11.

Web Site - Mary, NØTRK - It's up and pretty good.

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

Field Day - Is still over.

QSL and Technical Committee - Eddy, KØIL - no report.

Courtesy Committee - Bill KEØXQ - Joe WAØSTV, a long time club member and active ham in Valley passed away this week.

Trailer/Equipment Committee - Mary, NØTRK - The N6KVA trailer is now enjoying the weather at its winter home.

Club members were reminded of the HT lending program. The club has available 2 Icom HTs for loan to club members for a month at a time. See Mary for an application and use it for public service work or just to get on the air.

Public Awareness - Mary, NØTRK reported that she and Pat, KØCTU operated during JOTA with Dudley Allen, KDØMND who is a scoutmaster at Camp Cedars during the event. All of the JOTA patches were given away to scouts who were active in the event. Next year Camporees for all Districts will be at Mahoney State Park. This will be a large event. On March 1, 2014 there will be a Merit Badge College for the Wagon Wheel District at Bellevue University. Volunteers are needed to cover the Radio Merit Badge in the session.

Flea-Esta . A new Chairman is needed.

Old Business - The Red Cross Tower Grounding Project is proceeding and there is still some work to do.

There will be an article in Ham Hum on progress on the USS Hazard renovation. It's time to start planning for Museum Ships on the Air in June of 2014. Even though the park is still closed it is very likely we will be able to operate from the ship.

New Business - none

(Meeting Minutes continued on page 6.)

You may be a ham radio operator if... You have gotten an RF burn from your own antenna.

(Meeting Minutes continued from page 5.)

Announcements - The next VE testing session will be November 26 at the Red Cross starting at 6:30 PM.

- The Club accepts donations for all area repeaters and forwards them to the owners. Support your local repeater with a donation.
- On the ARRL website there is a story about a formerly local ham who used an HT to call for help in the mountains.
- Next month is our Annual Meeting with the election of officers. Nominations are open for 2 board positions and President and Vice President.
- Rollie, ABØNN announced that there are door prizes for tonight's meeting including a book titles *Raspberry Pi for Dummies*, a pocket calculator, a screwdriver set, a magnetic light, and a repeater directory. Also, the Brown Bag Door Prize and the dreaded Mr. Reeh Door Prize have once again descended upon the club. 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 7:32 PM a motion was made by John, WBØCMC, seconded by Steve, NØUP to end the meeting. Passed unanimously.

Bill WA9ASD, Secretary AARC

BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for **December 23, 2013**, 6:30 PM at the Village Inn on 78th and Dodge Streets.

Ham Hum Contributors 2013

The following people (sorted by call sign/last name) helped in the publication of the *Ham Hum* in 2013; either by writing articles and letters; or submitting photographs, filler material, and want ads; or proofreading the prepublication copy—and sometimes two or more of the above: Sean ACØVD, Marvin AEØEG, Pat KØCTU, Corby KØSKW, Claudia K1AUD, Cliff K6LH, Arnie KAØNCR, Mitch KBØGBI, Dick KBØKJV, Gary KBØKYM, Dan KB6NU, Barb KCØHLB, Dennis KCØYKN, Adam KDØMMG, Sean KDØQQZ, Bill KEØXQ, Peter KE7RDM, Dave NØJSB, Russ NØMNW, Mary NØTRK, Chris Rice, Anton UNIQUE, Dave WØNRW, Ralph WØSMY, Terry WAØITP, Rich WAØZQG, Bill WA9ASD, John WBØCMC, Gerald WBØRUR, and Tom WDØBFO.

Thank-you all. You've made my job easier.

Bill KCØSVZ, Ham Hum Editor

Contest Calendar

December 2013

NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Dec 11
QRP Fox Hunt	0200Z-0330Z, Dec 11
CWops Mini-CWT Test	1300Z-1400Z, 1900Z-2000Z, Dec 11 and 0300Z-0400Z, Dec 12
QRP Fox Hunt	0200Z-0330Z, Dec 13
NCCC Sprint	0230Z-0300Z, Dec 13
ARRL 10-Meter Contest	0000Z, Dec 14 to 2400Z, Dec 15
International Naval Contest	1600Z, Dec 14 to 1559Z, Dec 15
AWA Bruce Kelley Memorial CW Contest	2300Z, Dec 14 to 2300Z, Dec 15
QRP ARCI Holiday Spirits Homebrew Sprint	2000Z-2359Z, Dec 15
Run for the Bacon QRP Contest	0200Z-0400Z, Dec 16
NAQCC-EU Monthly Sprint	1800Z-2000Z, Dec 16
NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Dec 18
QRP Fox Hunt	0200Z-0330Z, Dec 18
Lighthouse Christmas Lights QSO Party	0001Z, Dec 20 to 2359Z, Jan 1
QRP Fox Hunt	0200Z-0330Z, Dec 20
NCCC Sprint	0230Z-0300Z, Dec 20
Russian 160-Meter Contest	2000Z-2400Z, Dec 20
AGB-Party Contest	2100Z-2400Z, Dec 20
OK DX RTTY Contest	0000Z-2400Z, Dec 21
Feld Hell Sprint	0000Z-2359Z, Dec 21
Croatian CW Contest	1400Z, Dec 21 to 1400Z, Dec 22
ARRL Rookie Roundup, CW	1800Z-2359Z, Dec 22
SKCC Sprint	0000Z-0200Z, Dec 25
QRP Fox Hunt	0200Z-0330Z, Dec 25
DARC Christmas Contest	0830Z-1059Z, Dec 26
QRP Fox Hunt	0200Z-0330Z, Dec 27
NCCC Sprint	0230Z-0300Z, Dec 27
RAC Winter Contest	0000Z-2359Z, Dec 28
World Wide Iron Ham Contest	1200Z, Dec 28 to 1159Z, Dec 29
Stew Perry Topband Challenge	1500Z, Dec 28 to 1500Z, Dec 29
Original QRP Contest	1500Z, Dec 28 to 1500Z, Dec 29
RAEM Contest	0000Z-1159Z, Dec 29

January 2014

QRP Fox Hunt	0200Z-0330Z, Jan 1
SARTG New Year RTTY Contest	0800Z-1100Z, Jan 1
AGCW Happy New Year Contest	0900Z-1200Z, Jan 1
QRP Fox Hunt	0200Z-0330Z, Jan 3
NCCC Sprint Ladder	0230Z-0300Z, Jan 3
WW PMC Contest	1200Z, Jan 4 to 1200Z, Jan 5
ARRL RTTY Roundup	1800Z, Jan 4 to 2400Z, Jan 5
EUCW 160m Contest	2000Z, Jan 4 to 0700Z, Jan 5

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

You may be a ham radio operator if... You would rather help another ham friend hook up new equipment, or to put up a new tower, than to mow your own lawn.

AARC Presidential Hall of Fame

Here's a list of all the people on record who have served as President of the Ak-Sar-Ben Amateur Radio Club since 1945. There's an opening for 2014. Consider seeing your name there the next time this is published.

1945 Nels Peter Nelson W7RCF	1970 Harold McClenahan WAØDGA	1994 Todd LeMense KKØDX
1946 John F. Leeder WØØUFD	1971 James Droge WØYCP	1995 Mary Joseph NØTRK
1947 Arthur R Gaeth WØFQB	1972 Edward Askew WAØRDZ	1996 Eddie Edwards KØIL
1948 Herbert Curry WØQXR	1973 Russ Minks WAØVEE	1997 Rick Graham AAØH
1949 Elmer Stein WØAVM	1974 Vernard Riportella WA2LQQ	1998 Linda Newman WØNSA
1950 Leon Becker W6AID	1974 Marion Wilczynski WBØBMV	1998 Darwin Piatt WB5HZH
1951 Earle Olson WØJKE	1975 Marion Wilczynski WBØBMV	1999 Scott Avery KA4ZZQ
1952 John Orr WØPHW	1976 Edward Eichler WBØBCB	2000 Joe Mastandrea N2DLY
1953 R.J. Strange WØQHJ	1977 Robert Conley WBØLYU	2001 Patrick Joseph KØCTU
1954 Frank Cooper W3NV	1978 James Peterson KFØFO	2002 Dick Newsome WØHXL
1955 Arthur Sadler W9KHD	1979 Thomas Thiessen KØPQR	2003 Jim Westcott KAØKCV
1956 Dick Eilers WØYZV	1980 Richard Jugel KØDG	2004 Steve Schmitz NØUP
1957 Curtis Hicks KØAMM	1981 James Wilson WBØJPN	2005 Steve Schmitz NØUP
1958 Edward Gutmann WØCQX	1982 Walter Brown KAØDMB	2006 Bill McCollum KEØXQ
1959 David Hollander W6COJ	1983 William Martin NØANQ	2007 Todd LeMense KKØDX
1960 Max McKinney WØYVV	1984 David Hamilton NØCLW	2008 Gregg Babbit WØAAI
1961 John Droscher KØKWB	1985 David Hamilton NØCLW	2009 Corby Krick KØSKW
1962 Royal Enders KØLYQ	1986 Jim Sanford NØAIH	2010 Corby Krick KØSKW
1963 Joseph Berounsky KØQDB	1987 Duke Humphrey WDØEWH	2010 John Gebuhr WBØCMC
1964 Louis Cutler WØVLI	1988 Bill True WA9ASD	2011 Mary Joseph NØTRK
1965 Edmond Domze WØYEV	1989 Mitch Gagne NØAZF	2012 Mary Joseph NØTRK
1966 Byron Smith Sr WAØICK	1990 Ken Noel AJØA	2013 Tomas Hood NW7US
1967 Ervan Heinz WAØEEM	1991 John Gebuhr WBØCMC	2014
1968 Robert Lockwood WAØDHU	1992 Dave Kline WJØZ	
1969 Royce Johnson WAØKIL	1993 Bill McCollum KEØXQ	



Saturday Night Coffee

An interesting crowd of people showed up for tonight's get-together: Pat KØCTU, Bill KCØSVZ, Brian KDØSVD, Margaret NØCALL, Mary NØTRK, Steve NØUP, Ralph WØSMY, John WBØCMC, and Douglas WIØDUG,

During the course of the evening, there was the usual wide variety of subjects under discussion: the November Sweeps, repairing light fixtures for non-technical neighbors, a good QRP radio for using the JT65 protocol, football, D-Star, APRS, and Wi-Fi access. The latter came up because the waitress told us that the unit some of us worked on a few months ago (see *Ham Hum*, October 2013, pg 9) had gone down. However, it was up while we were there—more investigation is needed. The conversation, plus good food, made for an entertaining evening.

The AARC Coffee get-together is held at Perkins restaurant at the corner of 108th and L Streets in Omaha on the third Saturday of the month, starting at 6 PM. Everyone is invited.

Bill KCØSVZ

November Door Prizes

Last month, Rollie Clause, ABØNN, distributed six prizes to various lucky winners...and the Mr. Reeh Door Prize to one not-so-fortunate member. These prizes consisted of: *Raspberry Pi for Dummies* by Sean McManus and Mike Cook, a desktop calculator, *The ARRL Repeater Directory 2011/2012*, a magnetic pickup tool w/light, a Pittsburgh 6-piece screwdriver set, and the Brown Bag prize.

Pat KØCTU drew the tickets. Jim KGØHQ and Adam KDØMMG were the first two winners—receiving the screwdriver set and the pickup tool, respectively. Next, Brian KDØSVD was the unlucky winner of the Mr. Reeh Door Prize: a Motorola Industrial Dispatcher Control Head—suitable for use on forklifts and other non-licensed (i.e. not highway certified) vehicles. KGØHQ was a double winner that night, as Pat drew his ticket again; this time, the desktop calculator. In the Literary Department, Mitch WBØGBI won the Repeater Directory and Mary NØTRK got the Raspberry Pi book. Finally, the Brown Bag Prize—a Cen-Tech DMM—was awarded to Don WBØVGB.

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. (That's *THIS MONTH*. Be there.)

Bill KCØSVZ

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>

AARC Officer Nominee Bios

President—Adam Kavan, KDØMMG

Adam has been involved in electronics since he was 5 years old. As a child, his grandfather, who was a ham, taught him how radios and circuits worked. In college Adam decided to become a programmer professionally but always considered hardware to be a fun hobby. After graduating in 2002 he worked at several companies in Omaha—from writing the system software for slot machines, to being the head of IT for a regional construction company. In July, 2010 he decided it was finally time to get his Technicians license. He joined Aksarben ARC in January, 2011 and, later that year, picked up his General license after getting a feeling for HF on Field Day and rapidly falling in love with it. Looking for other ways to help out, he joined the Board of Directors in 2012 and was glad to become our Vice President in 2013.

Adam KDØMMG

Vice President—Mitch Saure, WBØGBI

Mitch was first licensed in 1971 as WNØGBI, then advanced to Conditional, General, and Advanced class licenses. Mitch grew up in North Dakota, graduated from the University of North Dakota and taught high school science there for a few years. He went back to school, became an Optometrist and moved to Omaha in 1992. He was president of the ham radio club in college, taught code classes there and was a founding member of a repeater club in the state. Continuously licensed, but not always active, he got back into ham radio a few years ago after his two sons were out of school and had more time for ham activities. Mitch became a member of Aksarben ARC in 2009. His radio interests are DXing, some contesting, severe weather spotting, and ham club activities. Other interests include collecting antique broadcast radios, vintage ham radio receivers and transmitters, and repairing and restoring them. He also has a private pilot certificate, enjoys flying, and is a member of several aviation groups.

Mitch WBØGBI

Director—Dave Rice, NØJSB

My name is Dave Rice. I'm 62 years old and I've been married to my wife Chris for 36 years. I'm the Club Treasurer and am running for re-election to the Board of Directors. My call sign is NØJSB and I'm a General Class operator, first licensed in 1983. I learned Morse code at the age of 10 in the Cub Scouts and attended radio classes at World Radio Labs in 1962, where I earned my Associate Electronics degree. I attended AARC amateur radio classes and earned my ticket in 1983 and have been a member of the AARC since 1987.

The rig that I run is a Kenwood TS-440S, with a 5-band vertical or 4-element, 3-band beam on a 40 foot tower. I Like HF, CW, and SSB, but I don't participate in many contests.

I'm an electronics technician and worked for First Data Resources for 24 years where I maintained Rockwell phone switches for call centers.

Dave NØJSB

(Nominee Bios continued on page 9.)

(Nominee Bios continued from page 8.)

Director—Russ Rosenquist, NØMNW

Russ Rosenquist was first licensed in 1982 as KAØRNP at the technician level while living in Lincoln and attending UNL. While in Lincoln, Russ was involved with the Lincoln Amateur Radio Club and was heavily involved in storm spotting and other club activities. In 1988 Russ upgraded to General as NØMNW and attended graduate school at UNO. In 1992 Russ moved to Yankton, SD and was involved with the local radio club. Russ moved back to Omaha in 1994, but had minimal activity with the hobby until 2010 when he started attending the Aksarben Club. Russ currently works at Mutual of Omaha as an EAP consultant. This past summer Russ upgraded to Amateur Extra and continues to be involved with the Aksarben Club. Russ has agreed to become a Club officer and serve the Club in the role of Director.

Russ NØMNW

Director—Barb Westcott, KCØHLB

My name is Barb Westcott and I am running for re-election as Board Member of the Aksarben Radio Club. I was elected to the board in December of 2012 for the year 2013 and wish to continue to work for the Club in that capacity.

I was initially licensed in March of 2000 with a tech license until passing my general in July of 2011.

In 2002, I became an online mentor for the ARRL's *Emergency Communications Course* and continue in that role today. In September of 2010, I took and successfully passed the *Public Service and Emergency Communications Management for Radio Amateurs* course.

At this time I volunteer with ARES in both Douglas and Sarpy Counties, and with the Tri-County CERT Group. I am also active in the U S Coast Guard Auxiliary. I retired recently and watch our 3 year old grandson.

Barb KCØHLB

New E-Zine: The Spectrum Monitor

The Spectrum Monitor, an e-magazine, will cover amateur radio, longwave and shortwave listening, public service scanning, AM/FM/TV broadcasting, satellites, WiFi radio, vintage radio, and more.

The Spectrum Monitor will debut with the January 2014 issue on December 15, 2013, and will carry virtually all of the current *Monitoring Times* columnists and feature writers. Editor/Publisher Ken Reitz, KS4ZR, noted, "These are the experts in all facets of radio who have helped make MT the best full-spectrum magazine available, and we are all excited about continuing our work for the new publication."

The Spectrum Monitor will be available only as an electronic publication in PDF format; it may be read on any desktop, laptop, iPad™, Kindle Fire™, or any other device capable of opening a PDF file. Details on how to become a charter subscriber may be found at <http://www.thespectrummonitor.com/>

de AARC Web Site (<http://www.aksarbenarc.org/>)