



# Membership Form 2015

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

\_\_\_\_\_  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 LXIV, Issue 12

December 2014

## Annual Meeting Issue

SEE PAGE 13 FOR FRED KBØLF'S TALK ON THE EZNEC SOFTWARE.

### Time to Nominate AARC Officers

There are people running for most positions, but there's still time to throw your hat into the ring if you wish to make a difference in the lives of many club members.

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: Connect Systems CS700 DMR HT

Other prizes include a Kenwood TS-430S HF rig with matching power supply/speaker, and MC-42S microphone; plus a TDXone TD-Q8 2m/440 HT, and more!

Friday, December 12th, 7:00 PM, Red Cross Building, 81<sup>st</sup> & 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	Adam Kavan	KDØMMG	402-598-1521	akavan@gmail.com
Vice President	Mitch Saure	WBØGGBI	402-455-6205	skyking195@aol.com
2014 Secretary	Bill True	WA9ASD	402-426-2813	williamtrue@aol.com
2014 Treasurer	Dave Rice	NØJSB	402-571-8915	davegr@netzero.net
2014-2016 Director	Russ Rosenquist	NØMNV		n0mnw@yahoo.com
2014-2016 Director	Barb Westcott	KCØHLB	402-510-0312	barbwestcott@cox.net
Immediate Past President	Tomas Hood	NW7US	402-915-1771	nw7us@nw7us.us

### Club Committees

Courtesy Committee	Bill McCollum	KEØXQ	402-690-7965	ke0xq@cox.net
Education	Adam Kavan	KDØMMG	402-598-1521	akavan@gmail.com
Field Day	Tomas Hood	NW7US	402-915-1771	nw7us@nw7us.us
Flea-esta	Chris Rice		402-571-8915	davegr@netzero.net
Membership	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Monday Night .94 Net	Rich Swig	WAØZQG	712-256-7774	wa0zq@hotmail.com
Prizes	Rollie Miller	ABØNN	402-333-1606	ab0nn@arrl.net
Public Service/Emergency	Jim Westcott	KAØKCV	402-510-0312	ka0kcv@cox.net
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:** \_\_\_\_\_

**Vice-President:** \_\_\_\_\_

**Director:** \_\_\_\_\_

**Director:** \_\_\_\_\_

**Director:** \_\_\_\_\_

**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 80<sup>th</sup> Avenue, Omaha, Nebraska on December 12, 2014, 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: \_\_\_\_\_, 2014

# 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 2015. 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 WØQHG	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 Adam Kavan KDØMMG
1968 Robert Lockwood WAØDHU	1992 Dave Kline WJØZ	2015
1969 Royce Johnson WAØKIL	1993 Bill McCollum KEØXQ	



## Skywarn Recognition Day

On Saturday, 6 December 2014, several AARC members journeyed to Valley, Nebraska to participate in the Skywarn activities. (Photos by Mary NØTRK.)



## Club Meeting Minutes – November 14, 2014

Bill WA9ASD, Secretary AARC

The meeting was called to order at 7:06 PM by the President Adam, KDØMMG by saying the Pledge of Allegiance followed by introductions by name and call. There were 24 attendees.

Officers and Board members present included: Adam, KDØMMG; Mitch, WBØGBI; Dave, NØJSB; Bill, WA9ASD; and Russ, NØMNW.

Secretary's Report - Bill, WA9ASD - A motion was made by Mary, NØTRK, seconded by Pat, KØCTU to accept the minutes of the previous club meeting as published in the *Ham Hum*. Passed unanimously.

Treasurer's Report - Dave, NØJSB - In the month of October there were deposits of \$18.50 for refreshments, \$20 for memberships, \$150 for excess club equipment sold and a donation by Marvin, AEØEG of \$63 towards the equipment previously purchased for the USS Hazard. Payments consisted of \$13.95 for refreshments and a \$3 bank fee. This leaves the balance of all the club accounts at \$22,163.72.

President's Report - Adam, KDØMMG - The year is almost over and next month we will have elections for the President, Vice President, and two board members. In addition, we will need several committee chairpersons to step up.

Vice President's Report - Mitch, WBØGBI - Tonight's program will be presented by Fred Eriksen, KBØLF on the EZNEC Antenna Modeling software. Next month's program will be the election.

### Public Service

- ARES - Steve, NØUP - There will be a combined OMMRS and ARES training session on December 16 at 6:30 PM at a location to be determined. The topic will probably be equipment setups - to be confirmed in a few days. There will be more training in 2015.
- SATERN - Jim KCØSHZ/Jim, KAØKCV - no report
- OMMRS - Mary NØTRK - no report
- Community Events - Pat, KØCTU - Nothing coming up.

Education Committee - Mary, NØTRK - The four people from the class took the test last month and three passed.

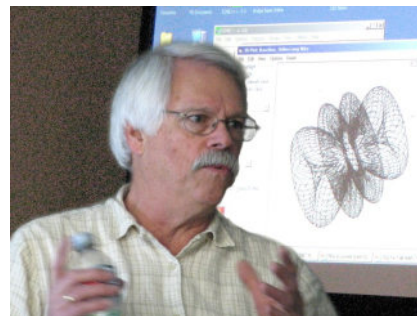
Membership Committee - Mary, NØTRK - Pay your dues. We have applications for membership from Nicholas Hansen, NØFEZ and Kevin Chartrand, KG4NNL. There was a motion made by Marvin, AEØEG, seconded by Norm, WAØJYD to accept these two for membership. The motion passed unanimously.

### Publications/Web Services

- *Ham Hum* - Bill, KCØSVZ – The *Ham Hum* is all published and there were no expenses during the month. There is an opening on the staff for the editor's position. There will be a sign-up meeting after the club meeting.

(Club Meeting Minutes continued on page 5.)

## ANTENNA MODELING WITH EZNEC



Fred Eriksen, KBØLF

For the November meeting, Fred Eriksen, KBØLF, demonstrated the fundamentals of designing amateur radio antenna systems using the EZNEC modeling software. Specifically, he focused on EZNEC version 5, which will work on all current 32- and 64-bit versions of Windows except Windows 95 and NT.

He started by explaining that the EZNEC program was written by Roy Lewallen, W7EL, and is available for \$89 for the basic version, and \$139 for the extended version, EZNEC+. Lewallen also sells professional versions in the \$500-\$650 price range. Fred mentioned that there is also a demo version of EZNEC that is free, but has only a limited number of things you can do with it. For his presentation, Fred used the EZNEC+ software.

Fred explained that the EZNEC program was a graphical user interface for a modified version of the public domain NEC-2 program—which does most of the number crunching. The user enters the parameters for the antenna and related information into the appropriate fields on EZNEC, which in turn converts it into data that the NEC (Numerical Electromagnetics Code) program can understand. NEC then crunches the numbers and returns the results to EZNEC, which displays them to the user. The results can consist of numbers, text, and pictures—such as 2D and 3D images of radiation patterns.

Fred described the basic functionality of the software, what kind of data were needed in the various fields, and what the buttons did. He showed how to set up the software for a 40 meter 1/2 wave dipole and display the resulting radiation pattern. He then showed how he used EZNEC in a real-world setting where he strung a long-wire Beverage antenna using 1000 feet of copper wire from a tower to a nearby field. He showed how to factor in parameters like ground conductivity and dielectric constant, their effect on the pattern, and how to tune it for better performance.

In summary, it was an interesting and information-packed evening—more information than can be covered here. Fred stated that he'd be willing to help anybody if they had questions about using the program (email address below). A lively Q&A session followed his talk:

EZNEC web page: <http://www.ez nec.com/>  
Fred KBØLF's email address: LIMAFOXTROT64@YAHOO.COM

[Editor's Note: Linux users have been able to get EZNEC to work under WINE with various degrees of success, but it may take some work. I briefly tried it, but the program tended to crash. If you intend to go that route, check the WINE website at <http://tinyurl.com/ppk32fc> and search for various solutions with Google.]

Bill KCØSVZ

## 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

8:30 AM 7.122 CW Four State QRP 40M Morning Net.  
7:30 PM 145.310- Lincoln/Omaha SATERN Net. Ashland, NE.  
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.

## AARC Equipment Loaner Program

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 itching to get on the air as you shop for your new radio.

Other equipment includes an ARRL *Introduction to Morse Code* CD set and (in the near future) an MFJ-259B antenna analyzer. A policy for the antenna analyzer is still being set—see the AARC web page at <http://www.aksarbenarc.org/main/> for its status.

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](mailto:equipment-committee@aksarbenarc.org). For more details, see the AARC web page listed above.

*de AARC Equipment Committee*

(Club Meeting Minutes *continued from page 4.*)

### Publications/Web Services

- Web Site - Mary, NØTRK - There are a few areas that are out of date and will be updated. We are also a group on Facebook.

Repeater Committee - John, WBØCMC - It's working. The WØEQU repeater on 443.775 MHz at 735 feet on the KPTM tower is up and running. The club accepts donations for any area repeater and forwards the money to the appropriate owner.

Field Day - We're starting to think about next year and there should be a planning meeting in January.

QSL and Technical Committee - Eddy, KØIL - no report

Courtesy Committee - Bill, KEØXQ - Marion Michael Wilczynski, WBØBMV, club President in 1974 and 1975 passed away on October 18, 2014. See the *Ham Hum* for more information.

Trailer/Equipment Committee - Mary, NØTRK - The equipment is in the trailer and we have some club equipment for sale that will soon be listed in the *Ham Hum* and on the club web site. The club also has two HT's available for loan to members. Rob, AI7Q thanked the club for the use of the MFJ Antenna Analyzer.

Public Awareness - Skywarn Recognition Day will be the first weekend in December. Watch for details on this event.

Flea-Esta - Chris Rice - It's over.

Old Business - none

New Business - After some discussion it was decided that for the December meeting there will be a cold cuts sandwich plate and several people will bring chili.

Announcements - The regular Saturday night coffee will be tomorrow night at Perkins at 108th and L streets.

- On Sunday, the 16th the monthly transmitter hunt will begin at 3 PM in Memorial Park. There will be a special prize for the winner.
- Sometime in the near future the USS Hazard will be righted with FEMA paying most of the cost. We will probably be able to use the ship for Museum Ships On The Air in June.
- Dave, NØJSB, his son, and Pat KØCTU and Mary, NØTRK made several contacts from the ship using the KØUSA call.
- There will be no door prize drawing due to Rollie's ABØNN absence.
- Coffee and cookies are available in the kitchen thanks to Don, WBØVGB. Please help yourself and donate to offset the cost of this.

At 7:27 PM a motion was made by John, WBØCMC, seconded by Fred, KBØLF to end the meeting. So moved.

*Bill WA9ASD, Secretary AARC*

## Want Ads

**Wanted: Byonics Tiny Tracker** Looking for any version of a Byonics Tiny Tracker APRS device in good condition. If you have one you aren't using, I'll be happy to take it off your hands. Interested in TT3 or TT4. Other items considered as well. Price \$20.00. Contact Mary NØTRK at the next AARC meeting, or email [n0trk@arrl.net](mailto:n0trk@arrl.net)

**For Sale: Kenwood TS-870S AT (with DSP)** HF Amateur band transceiver in VERY NICE shape with the original manual, matching PS-52 Power Supply, SP-31 speaker, and MC-80 desk mic. A great looking and performing radio! Read the details direct from Kenwood at this link: <http://tinyurl.com/km6cea6> Price: \$1,200.00. Contact an AARC officer at the next meeting, or send an email to the club web site at: <http://tinyurl.com/p55ckov>

**For Sale: Anderson Power Poles** I have some extra Anderson Power Poles (new). Too many to store in the parts drawers. These are the 30 amp variety. Price: \$1.00 per pair (1 Set of Black and Red connectors). Contact: Mary NØTRK at the next AARC meeting or email [n0trk@arrl.net](mailto:n0trk@arrl.net)

**Job Opening: Ham Hum Editor** Position available in March, 2015. Here's your chance to write, edit, and publish an amateur radio newsletter that's available for world wide distribution. Opportunities like this don't happen often, so grab it while you can! Contact Bill KØSVZ at [kc0svz@gmail.com](mailto:kc0svz@gmail.com) or any club officer at the next meeting.

**FREE QST** I have July, 2011 thru December 2011, QSTs. Entire years of 2012 and 2013 free for the taking. I very seldom attend club meetings. If you want these, you will have to make arrangements to pick these up from me. I will hold on to these until January 2015, otherwise they will be put out with the newspapers on trash day. If interested, email me [ke0xq@cox.net](mailto:ke0xq@cox.net) or call me at 402-690-7965. 73, Bill KEØXQ

**For Sale by AEØEG** The full price of the following items are to be donated to AARC to replenish the funds donated to the USS Hazard Minesweeper a couple of years ago.

- *TD-1B Professional Degausser.* Serial #23242. 115 VAC. Made by Audiolab Electronics, Inc. Good condition. \$75.00 or best offer.
- *Motorola Radius Radio.* Model D34LRA77A5DK FCC ID ABZ89FT4770. Serial #778T3J4376. Good condition. With power cord. \$25.00 or best offer.
- *GM300 Motorola Radius Radio.* Model M34GMC29C3AA FCC ID ABZ99FT4030. Serial #159TXNJ631. Good condition. With power cord. \$25.00 or best offer.
- *Wacom WP-470-1 Bandpass Cavity.* Currently tuned for 450.35 MHz. Good condition. \$25.00 or best offer.
- *SL-11R Astron Power Supplies.* Three available. Serial numbers 9603173, 20070025 (with computer power cord), and 9603208. All in good condition. Input: 115VAC, Output: 13.8 VDC, 7A Dimension: 11"x3"x7" Weight: 10-12 lbs. 50% Duty Cycle, 5 minutes ON, then 5 minutes OFF. \$25.00 each, or best offer.

Email Marvin AEØEG at [AE0EF@arrl.net](mailto:AE0EF@arrl.net).

## November Door Prizes

Alas, November was a door-prizely-challenged month, as Rollie ABØNN, was unable to attend the meeting. However, take heart! Prizes to be given away at the December meeting include a TDXone TD-Q8 2m/440 HT (donated by D&L Antenna Supply) and a Kenwood TS-430S HF transceiver (of unknown condition) with power supply, speakers, and micropone. Plus (drum roll) the Grand Prize: a Connect Systems CS700 Digital Mobile Radio HT, similar to the one demoed at the September meeting.

There will other prizes, including the Brown Bag Prize and the dreaded Mr. Reeh Door Prize.

So be sure to attend. The fun begins at 7:00 PM on December 12<sup>th</sup> at the Red Cross Building on 81<sup>st</sup> and Spring Streets. Remember that all the door prize tickets you purchased during the year will also be thrown into the bin, improving your chances of winning something.

*Bill KØSVZ*

## Ham Hum Contributors 2014

The following people (sorted by call sign/last name) helped in the publication of the *Ham Hum* in 2014; either by writing articles and letters; or submitting photographs, filler material, and want ads; or proofreading the prepublication copy—and sometimes several of the above: Pat KØCTU, Denny KØLGI, Dave KØRWM, Corby KØSKW, Tom KØTIK, Dan KB6NU, Adam KDØMMG, Dudley KDØNMD, Bill KEØXQ, Peter KE7RDM, Dave NØJSB, Russ NØMNW, Mary NØTRK, Steve NØUP, Dave NN1N, Chris Rice, Ralph WØSMY, Rich WAØZQG, Bill WA9ASD, John WBØCMC, Mitch WBØGBI, Frank WBØQQK, Lonnie WDØAOP, and Tom WDØBFO.

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

*Bill KØSVZ, Ham Hum Editor*

## Want to Use KØUSA 146.940 for Community Service Events?

The KØUSA repeater is an open system and is available for any licensed ham radio operator to use. We welcome other clubs and organizations to use it for providing communications support for nonprofit activities. To avoid scheduling conflicts, the Club asks that you obtain permission from the AARC Repeater Committee *at least* 72 hours in advance. To submit your request, please click the *KØUSA Use Request Form* link on the AARC web site: <http://tinyurl.com/msodyvh>

## NEBRASKA DMR-MARC [KØBOY] REPEATER SYSTEM

KØBOY	442.650	(I-480 & Harney Street – Omaha, Ne)
KCØHYI	442.775	(Nebraska Highway 50 – Weeping Water, NE)
KBØZZT	442.275	(1500 Wayne Street – Bellevue, NE)
WBØQQK	442.425	(13 <sup>th</sup> & O Street – Lincoln, NE)
KIØPY	444.975	(105 <sup>th</sup> Street & I-80 – Omaha, NE)
WAØRJR	442.800	(Nebraska City, NE)
WØAAI	TBA	(158 <sup>th</sup> & West Maple Road – Omaha, NE)

## Club Calendar

<b>Dec 12</b>	7:00 PM AARC Meeting. Red Cross Building, 81 <sup>st</sup> & Spring St., Omaha, NE.
<b>Dec 13</b>	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
<b>Dec 13</b>	6:30 PM PARC Christmas Party. Office Bar and Grill, Hooper, NE (see Notes).
<b>Dec 17</b>	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
<b>Dec 18</b>	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
<b>Dec 20</b>	6:00 PM AARC Coffee. Perkins Restaurant, 108 <sup>th</sup> & L Streets, Omaha, NE.
<b>Dec 21</b>	3:00 PM AARC Rabbit Hunt. Memorial Park, 57 <sup>th</sup> and Underwood.
<b>Dec 23</b>	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge St, Omaha, NE.
<b>Dec 27</b>	7:30 PM SWIARC Dinner Meeting. China Buffet, 17 <sup>th</sup> & Broadway, C.B., IA.
<b>Jan 1</b>	<i>Ham Hum</i> article submission deadline.
<b>Jan 1</b>	6:30 PM LARC License Exam. See <a href="http://k0kkv.org/">http://k0kkv.org/</a> for details.
<b>Jan 9</b>	7:00 PM AARC Meeting. Red Cross Building, 81 <sup>st</sup> & Spring St., Omaha, NE.
<b>Jan 10</b>	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
<b>Jan 14</b>	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
<b>Jan 15</b>	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St., Bellevue, NE.
<b>Jan 17</b>	6:00 PM AARC Coffee. Perkins Restaurant, 108 <sup>th</sup> & L Streets, Omaha, NE.
<b>Jan 18</b>	3:00 PM AARC Rabbit Hunt. Memorial Park, 57 <sup>th</sup> and Underwood.
<b>Jan 21</b>	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
<b>Jan 22</b>	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
<b>Jan 22</b>	7:30 PM SWIARC Meeting. 705 N 16 <sup>th</sup> , Council Bluffs, IA.
<b>Jan 27</b>	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge St., Omaha, NE.
<b>Jan 27</b>	6:30 PM AARC License Exam, Red Cross Building, 81st & Spring St., Omaha, NE.

### Notes

- For December, SWIARC will be meeting on December 27<sup>th</sup> instead of the fourth Thursday. Location is China Buffet at 17<sup>th</sup> & Broadway in Council Bluffs, IA.
- The PARC December dinner and meeting is on the 13<sup>th</sup> at 121 N. Main, Hooper, NE.

Sources: <http://www.hornucopia.com/contestcal/index.html> & <http://www.aksarbenarc.org>  
If you know of an upcoming contest that should be published in the next *Ham Hum*, please send the information to the editor or an AARC officer during the regular meeting.

## BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for December 23, 2014, 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 Tuesday 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/>.

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*You may be a ham radio operator if...the cops pull you over because they want to see the inside of your car.*

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## AARC Rabbit Hunt

It was a bitter cold day, so only two teams showed up at the Memorial Park starting location: Dave NØJSB and XYL Chris comprised one team, Justin KEØBHP was the other. Pat KØCTU and Mary NØTRK hid the rabbit.

According to Mary, Pat had picked a location that he thought would be easy to find, but turned out to be diabolical: just off Keystone Trail near 78<sup>th</sup> and Cass Streets. They stayed inside the nearby Crane Coffee shop where they could watch the rabbit—presumably to make sure some passerby didn't help it start hopping down the bunny trail, so to speak.

After much driving about town, Justin arrived first, but failed to find it before Dave and Chris arrived. JSB located it and will be the one hiding the rabbit in December.

As a reward for their efforts, Pat and Mary treated all the hunters to hot cups of coffee.

**NEXT EVENT:** The next rabbit hunt is scheduled for Sunday, December 14<sup>th</sup> at 3PM. Starting location is the parking lot at Memorial Park near 57<sup>th</sup> and Underwood. Last-minute changes will be announced at the club meeting the Friday before. Also look for announcements on the AARC Internet sites (page 2). Everyone is invited.



*Rabbit Hunters (L-R): Chris, Justin KEØBHP, Dave NØJSB, and Mary NØTRK. (Photo by Pat KØCTU)*

*Bill KCØSVZ*

## C O R R E C T I O N

*[Due to the fact that I can't read my own handwriting, I confused a "U" with an "M" when I transcribed a message from John WBØCMC last month. This resulted in a wrong call sign in the article at the bottom of page 11 of the November, 2014 Ham Hum. Following is the corrected article. —Bill KCØSVZ]*

## WØEQU Repeater Back on the Air

John WBØCMC reported on October 22<sup>nd</sup> that the Red Cross repeater, WØEQU, 443.775 MHz, went back on the air around 3:30 PM that day. He arrived on site at 10 AM and worked with Dan NØPOT until four or five PM to check the system.

Joe Francis of Pinpoint Communications and two others were the tower crew. They set up the antenna on the northwest side of the Channel 42/15 tower at about the 1,115-foot level. John said that reaching it with a hand held from Lincoln is not a problem.

*[Note: Joe has helped John before with tower work. See page 7 of the May, 2014 issue of the Ham Hum. --Bill, KCØSVZ]*

## 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, served as Vice President in 2013, then President in 2014.

*Adam KDØMMG*

### Vice President—Mitch Saure, WBØGBI

Mitch was first licensed in 1971 as WNØGBI, then advanced to Conditional, General, Advanced, and Extra 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 and served as Vice President in 2014. 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 (Treasurer)

My name is Dave Rice. I'm 63 years old and I've been married to my wife Chris for 37 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.)*

### Secretary—Bill True, WA9ASD

Bill True first licensed as WN9ASD some time ago. He progressed through his Novice year with a home-brew transmitter and a couple of different used receivers. After a painful several months he successfully upgraded to a Conditional Class license with the call of WA9ASD. Successful upgrading consisted of finding the ham in town who had the worst (slowest) impression of what 13 wpm sounded like. This lead to a couple of years of confounding the 'Donald Duck' guys by zero beating his transmitter with their signals. Everything was fine until they discovered the other sideband and the evil carrier in their receivers. "EEEEWWWW, AM!" His first interference complaint came from the next door neighbor who said she could hear him on her telephone. The complaint was that she couldn't hear the other side of the conversation. His foray into 2 meters experienced no interference complaints although some local hams said they could hear his super-regenerative receiver.

Family-time and apartment living reduced his activity levels for a number of years. A missed renewal date for his license lead to several dreaded trips to the Federal Building in Chicago to sit before the steely-eyed examiners to see, if among other things, he could fake correctly writing down 65 consecutive letters in a five minute sending period. This effort briefly gave him some oddball WD9 call. Fortunately, the Commission decided people could request calls and his beloved WA9ASD was restored. In anticipation of moving to, of all places, Omaha, he bought a 73 Magazine 25 wpm random letter code tape for relaxation while driving to work. After about two months of this another trip to the Federal Building allowed him to guess his way through the multiple choice code test (what a breeze) and fail the written test. (Oh, you mean I have to take both the Advanced and Extra tests?) A month later the written test was conquered and all was well in hamdom. During this period a number of CBs got religion on 10 meters AM and FM, foxes were not safe in hiding, and some serious 2M SSB work occurred. There was also a little public service work, some Field Days, VHF contesting, and actions detrimental to the well being of a radio club that shall go unnamed.

Time in Omaha soon was consumed making code practice tapes and burning and shocking his way through several years of teaching license classes. This lead to a lack-luster year at the helm of Aksarben ARC, a year of board meetings, then abandonment of the club for almost 20 years. After termination of his 30 year career in Information Technology, he settled quietly to the hills west of Blair to figure out how to get this radio thing going again. With the help of some really smart people he hopes to find out what button to push to make the voices listen to him.

*Bill WA9ASD*

