

# Ham Hum

April 2015 Volume LXV, Issue 4

## Zenith Trans-Oceanic Radios

**Mitch Saure (WB0GBI)** provided an informative talk with a display numerous of vintage Trans Oceanic Radios that Zenith manufactured from the 1930s through



the late 1960s.. Zenith’s founder, Commander Eugene McDonald, was a great admirer of advanced technological development and believed that his company’s products should include the latest, most practical advances in a well-built product that continued to enhance the company’s reputation. Although the “Trans-Oceanic” series were considered, at the time, portable radios, they were pretty hefty weighing in at over 30 pounds in some cases. This was mainly due to the “way things were built” back in those days before transistors were used. Although portable vacuum tubes were used, the radios were bulky and heavy due to the large batteries and transformers required by the high power consumption of the vacuum tubes.

Comments made during Mitch’s presentation were that they seemed so large, if you traveled with one, you might have had to procure an extra seat on the train to accommodate your radio.

Most of the radios were equipped with an elaborate antenna stored inside the case that you would pull out and attach to the window of your train, boat, or vessel that you traveled on in those days. On some of the radios, the handles were adjustable antennas and could even be used for directional finders to beam on stations while out on your yacht; much like rabbit or fox hunting. See the video on the club web site.

### APRIL MEETING: SSTV

Mark Voris, N0VUB, planned to discuss a Slow Scan Television. However Mark may not be available.  
*Friday, April 10th, 7:00 PM, Red Cross Bldg, 81st & Spring Streets, Omaha, NE*

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### Special points of interest and Upcoming Events

- Board Meeting—New Location
- VE Testing —
  - 4/28/2015 at Council Bluffs
  - 5/7/2015 at Lincoln
  - 5/9/2015 at Bellevue

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**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](mailto:hamhum@aksarbenarc.org).

Please contact the editor for permission to reprint anything appearing in the

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### ***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 Brian KDØSVD (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/>

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### **Veep Speaks**

I'm still thinking of what to have Brian place in this article..

*Mitch WBØGBI, Vice President AARC*

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# *Lincoln Hamfest*



# *Saturday Night Coffee*

Although the Nebraska State Convention took place in Lincoln that day, six people still showed up for coffee and conversation at Perkins on March 21<sup>st</sup>: Pat KØCTU, Jim KAØKCV, Barb KCØHLB, Bill KCØSVZ, Brian KDØSVD, and Mary NØTRK.

Some of the discussion was about the hamfest: bargains, the dust-free surroundings, sales, loot purchased, unlicensed individuals attempting to buy linears (they failed), and door prizes. Other topics did come up as the evening wore on, such as Go-Pro cameras, quad copters, neighborhood dogs, EMA stories, and siren testing.

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*

## Club Meeting Minutes — March 13, 2015

The meeting was called to order at 7:13 PM by the President Adam, KD0MMG by saying the Pledge of Allegiance followed by introductions by name and call. There were 24 attendees.

Officers and Board members present included: Adam, KD0MMG; Mitch, WBOGBI; Dave, N0JSB; Bill, WA9ASD and Russ, N0MNW.

**Secretary's Report** - Bill, WA9ASD - A motion was made by Bill, KE0XQ, seconded by Norm, WA0JYD to accept the minutes of the February club meeting as published in Ham Hum. Passed unanimously.

**Treasurer's Report** - Dave, N0JSB - In the month of February there were deposits of \$27.25 for meeting refreshments donations and \$388 from dues payments. Payments consisted of \$12.12 for refreshments, \$36.72 for Ham Hum supplies, \$939 for an additional Honda generator for the club and a \$3 bank fee. This leaves the balance of all the club accounts at \$21,593.87.

**President's Report** - Adam, KD0MMG - Adam discussed our current year budget including the provision for the generator purchase as well as provision for a club picnic. Anyone who would like to work on that should contact any board member. He also mentioned interest in members' views on how the club could better advertise its existence and promote ham radio.

**Vice President's Report** - Mitch, WBOGBI - Unfortunately Mark, who was going to present a program on SSTV, got called in to work so tonight's program will be on Radio Archeology by Mitch.

### Public Service

#### ARES/SATERN/COMMUNITY EVENTS

**ARES** - Steve, N0UP - The annual Douglas County Siren Test will be on Saturday, March 14 and assignments were e-mailed to the volunteers. Some people have been assigned 3 sirens so see Steve after the meeting if you would like to volunteer to cover some of these extra sirens.

There will be Storm Spotter Training by the National Weather Service on March 24 at 7 PM in the Boys Town Music Hall.

**SATERN** - Jim KC0SHZ/Jim, KA0KCV - no report

**OMMRS** - Mary N0TRK - (by Steve, N0UP) On April 21 there will be OMMRS training on packet. The site is yet to be determined.

**Education Committee** - Mary, N0TRK - Nothing is finalized yet and the class will probably be on Saturdays

**Community Events** - Pat, K0CTU - On Sunday, April 12 from 9 AM until 2 PM the Creighton Women's Rowing meet will be held at Carter Lake.

The Annual MS Walk will be at Aksarben Village.

The State Track Meet will be May 22 and 23.

**Membership Committee** - Mary, N0TRK - Pay your dues early and often.

We have an application for membership from Jim Kilby, KD0RD who holds an Extra Class license. There was a motion by John, WBOCMC seconded by Norm, WAOJYD to accept Jim as a new member. The motion passed unanimously.

**Publications/Web Services**

Ham Hum - Bill, KC0SVZ - Ham Hum is published and it came out ok although there was an error on the last page about the date of the siren test. The correct date is March 14.

Bill also reported that he has typed up an outline on how Ham Hum is produced with lots of instructions and ideas on how to put it together. Copies of that are available up front for the who will take over Ham Hum next month.

Pat, KOCTU thanked Bill on behalf of the club for 5 years of serving as editor followed by a round of applause.

**Web Site** - Mary, N0TRK - (by Adam, KD0MMG) There are some out-of-date items on the web site that will be cleaned-up.

**Repeater Committee** - John, WBOCMC - It's working and we're still waiting for the antenna check for loose hardware.

Support you local repeater. The club accepts donations for any area repeater and forwards the money to the appropriate owner.

**Field Day** - Adam, KD0MMG and Eric KBOLF - Use of the site at 156th and Maple has been approved. There will be a Field Day meeting on April 4 at 1 PM at the Village Inn at 84th and Dodge.

**QSL and Technical Committee** - Eddy, K0IL - no report.

**Courtesy Committee** - Bill, KE0XQ - The club sent a card to Todd LeMense, KK0DX on the passing of his mother.

**Trailer/Equipment Committee** - Mary, N0TRK - no report.

**Public Awareness** - Jim, KA0KCV, club P.I.M.P. - The club is working on participation at the Science Fair and the Safety Expo.

**Transmitter Hunt** - The transmitter hunt will be Sunday March 15 at 3 PM starting at Memorial Park. Bill, WA9ASD will be hiding the transmitter. Everyone is encouraged to participate.

**Flea-Esta** - Chris, N0CALL - D & L Antennas has said he will be there. We will be taking flyers to the Lincoln Hamfest next weekend. The scheduled date is September 12 at the Sarpy County Fairgrounds.

**Old Business** - none

**New Business** - none

**Announcements -**

The Southwest Iowa Hamfest had between 80 and 100 attendees and the winners of the major prizes were announced.

Pat, KOCTU said that Radio Shack is having huge discounts with their online prices although their online ordering system won't handle 40 items in a single sale.

Adam announced that board meetings, in the future, will be at the HyVee at 78th and Cass.

Fred, KBOLF announced the Nebraska QSO party will be April 18 and 19, the same weekend as the Bellevue flea market. He would like K0USA to be on that weekend for the event.

## **Announcements -**

Paul Johnson, Douglas County EMA Director thanked the club for its participation in the siren test and as storm spotters.

Rollie announced the array of door prizes along with the famous Brown Bag Door Prize and the dreaded Mr. Reeh Door Prize. All tickets purchased are retained throughout the year and are eligible for the grand prize drawings at the Annual December Meeting. Rollie will be leaving the Door Prize committee in the near future. A replacement for him is needed.

Coffee and cookies are available in the break room before the program. Please donate to help offset the cost of these treats.

At 7:44 PM a motion was made by John, WBOCMC to end the meeting. So moved.

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## **DCEMA Damage Assessment Training Offered**

Douglas County EMA is hosting three Damage Assessment training opportunities in Douglas County in April. Each session will be the same, you only need to attend one time. The Dates are:

- Tuesday April 14th,
- Wednesday April 22nd and
- Thursday April 30th.

All will be held at 7:00 PM in the Douglas County EOC at 1819 Farnam St

### **Agenda:**

- FEMA damage criteria (used by DCEMA)
- Deployment/activation procedures
- Data collection forms (hard-copy and online)
- Practice classifying and reporting damage
- Walkthrough of tornado scenario: damage reporting process from start (property owner) to finish (decision-makers)

Due to changes in security requirements, Douglas County EMA requests that ARES provide them with a list of who plans to attend and at which session. *Please email n0up@cox.net or n0trk@cox.net with your intent to attend and at which session.*

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## **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.

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 .

*de AARC Equipment Committee*

## Club Officers & Board Members

President	Adam Kavan	KDØMMG	president@aksarbenarc.org
Vice President	Mitch Saure	WBØGBI	vicepresident@aksarbenarc.org
2014 Secretary	Bill True	WA9ASD	secretary@aksarbenarc.org
2014 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2014-2016 Director	Russ Rosenquist	NØMNV	board@aksarbenarc.org
2014-2016 Director	Barb Westcott	KCØHLB	board@aksarbenarc.org

## Club Committees

Immediate Past President	Corby Krick	KØSKW	board@aksarbenarc.org
Courtesy Committee	Bill McCollum	KEØXQ	courtesy@aksarbenarc.org
Education	Adam Kavan	KDØMMG	education@aksarbenarc.org
Field Day			fieldday@aksarbenarc.org
Flea-esta	Chris Rice		flea@aksarbenarc.org
Membership	Mary Joseph	NØTRK	membership@aksarbenarc.org
Monday Night .94 Net	Rich Swig	WAØZQG	wa0zqg@hotmail.com
P.I.M.P.	Jim Westcott	KAØKCV	pr@aksarbenarc.org
Prizes	Rollie Miller	ABØNN	prizes@aksarbenarc.org
Public Service/Emergency	Jim Westcott	KAØKCV	pr@aksarbenarc.org
Publications	Bill Wilkinson	KCØSVZ	hamhum@aksarbenarc.org
QSL Manager & Technical	Ed Edwards	KØIL	qslmanager@aksarbenarc.org
Special Events Coordinator	Pat Joseph	KØCTU	community_service@aksarbenarc.org
Technical Assistance	Ed Edwards	KØIL	technical@aksarbenarc.org
Web Services	Mary Joseph	NØTRK	web_master@aksarbenarc.org

## Repeater Committee

Chairman J	john Gebuhr	WBØCMC	repeater@aksarbenarc.org
Vice Chairman	Steve Schmitz	NØUP	repeater@aksarbenarc.org
Control Operator	Mary Joseph	NØTRK	repeater@aksarbenarc.org
Club Callsign Trustee	Corby Krick	KØSKW	trustee@aksarbenarc.org

## Other Contacts

ARRL Midwest Director	Rod Blocksome	KØDAS	k0das@arrl.org
ARRL Midwest Vice-Director	Art Zygielbaum	KØAIZ	k0aiz@arrl.org
EC Douglas County	Steve Schmitz	NØUP	dcares@aksarbenarc.org
EC Sarpy County	Dennis Mitchell	KCØYKN	
Exams/Vol. Council	Brian Zdan	KMØY	testing@aksarbenarc.org
NE Section Manager	Matt Anderson	KAØBOJ	ka0boj@arrl.org
Official Observer Coordinator	Bill McCollum	KEØXQ	oo_coordinator@aksarbenarc.org

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## March Door Prizes

At the March meeting, Bequeathor of Goodies Rollie ABØNN handed out the following prizes to a few lucky recipients:

To Marvin AEØEG, a magnetic parts pan and the Brown Bag Door Prize—which turned out to be a 10" cable cutter. Brian KDØSVD got a Pittsburgh 1/4" Drive Finger Ratchet Set. Russ NØMNW had the good luck to win a pair of Gordon 10x25mm Compact Binoculars. Unfortunately for him, he also had the bad luck to win the Mr. Reeh Door Prize. It looked like a radio, but nobody was sure until AARC's expert on reliquary, Bill WA9ASD, examined it and determined that it was a Regency BTH-202 VHF transceiver, crystal controlled, two channels, with a 150-174 MHz range. It operated on 12 VDC and had a 10 watt output.

After handing out the prizes, Rollie stunned the group by announcing that he intended to retire as Door Prize Chair next year. The intent of his early announcement was to give members time to consider the possibility of stepping up and filling the position.

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.

*Bill KCØSVZ*

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## BOARD MEETING NOTICE — NEW LOCATION

The AARC Board Meetings are now being held at the Peony Park Hy-Vee Deli at: 7910 Cass Street, Omaha.

Board Members should arrive by 6:30 PM if you intend on eating and the meeting will commence at 7:00 PM.

Meetings take place on the fourth Tuesday of the month, unless unforeseen circumstances warrant a change which will be announced during the General Membership meetings held that month.

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## OMMRS Volunteer Communicator Training

The Omaha Metropolitan Medical Response System (OMMRS) Volunteer Communicator Training will be held on April 21st at the Salvation Army Disaster Service Bldg 10606 Burt Circle, Omaha, NE beginning at 7:00 pm. This Month's training will be an Introduction to Packet Radio and Overview of Outpost Packet Manager

So that there are enough handouts for everyone, please register at the following form: <http://tinyurl.com/April21Training>



# Contest Calendar

## April 2015

QRP Fox Hunt	0100Z-0230Z, Apr 1
SARL 80m QSO Party	1700Z-2000Z, Apr 2
QRP Fox Hunt	0100Z-0230Z, Apr 3
LZ Open 40m Sprint Contest	0400Z-0800Z, Apr 4
Missouri QSO Party	1400Z, Apr 4 to 0400Z, Apr 5 and 1400Z-2000Z, Apr 5
Mississippi QSO Party	1400Z, Apr 4 to 0200Z, Apr 5
SP DX Contest	1500Z, Apr 4 to 1500Z, Apr 5
Montana QSO Party	1800Z, Apr 4 to 0559Z, Apr 5
UBA Spring Contest, 6m	0600Z-1000Z, Apr 5
ARS Spartan Sprint	0100Z-0300Z, Apr 7
QRP Fox Hunt	0100Z-0230Z, Apr 8
QRP Fox Hunt	0100Z-0230Z, Apr 10
JIDX CW Contest 0700Z,	Apr 11 to 1300Z, Apr 12
New Mexico QSO Party	1400Z, Apr 11 to 0200Z, Apr 12
Georgia QSO Party	1800Z, Apr 11 to 0359Z, Apr 12 and 1400Z-2359Z, Apr 12
WAB 3.5/7/14 MHz Data Modes	1200Z-2200Z, Apr 12
Hungarian Straight Key Contest	1500Z-1700Z, Apr 12
144 MHz Spring Sprint	1900 local - 2300 local, Apr 13
Holyland DX Contest	2100Z, Apr 17 to 2100Z, Apr 18
TARA Skirmish Digital Prefix Contest	0000Z-2359Z, Apr 18
ES Open HF Championship	0500Z-0859Z, Apr 18
Nebraska QSO Party	1200Z, Apr 18 to 0200Z, Apr 19 and 1700Z-2300Z, Apr 19
CQ Manchester Mineira DX Contest	1200Z, Apr 18 to 2359Z, Apr 19
Michigan QSO Party	1600Z, Apr 18 to 0400Z, Apr 19
Ontario QSO Party	1800Z, Apr 18 to 1800Z, Apr 19
North Dakota QSO Party	1800Z, Apr 18 to 1800Z, Apr 19
YU DX Contest	2100Z, Apr 18 to 1700Z, Apr 19
ARRL Rookie Roundup, SSB	1800Z-2359Z, Apr 19
222 MHz Spring Sprint	1900 local - 2300 local, Apr 21
UKEICC 80m Contest	2000Z-2100Z, Apr 22
10-10 Int. Spring Contest, Digital	0001Z, Apr 25 to 2359Z, Apr 26
SP DX RTTY Contest	1200Z, Apr 25 to 1200Z, Apr 26
QRP to the Field	1200Z-2359Z, Apr 25
Florida QSO Party 1600Z,	Apr 25 to 0159Z, Apr 26 and 1200Z-2159Z, Apr 26
432 MHz Spring Sprint	1900 local - 2300 local, Apr 29

## 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 3.896.500 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.

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## For Sale

Kenwood TS-870S AT (with DSP) HF Amateur band transceiver in excellent condition with the original manual, matching PS-52 Power Supply, SP-31 speaker, and MC-80 desk mic. A great looking and performing radio photos available at: <http://www.aksarbenarc.org> or email [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org) for details

## Club Calendar

- Apr 2** 6:30 PM LARC License Exam. See <http://k0kkv.org/> for details.
- Apr 8** 7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
- Apr 10** 7:00 PM AARC Meeting. Red Cross Building, 81<sup>st</sup> & Spring St., Omaha, NE.
- Apr 11** 11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
- Apr 12** 3:00 PM AARC Rabbit Hunt. Memorial Park, 57<sup>th</sup> and Underwood.
- Apr 15** 7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
- Apr 16** 7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
- Apr 18** BARC Flea Mkt., Bossard American Legion Hall, 230 W. Lincoln, Papillion NE
- Apr 18** DMRAA Ham Fest, IA State Fair, East Grand Ave, Des Moines, IA
- Apr 18** Hambash Ham Fest, Ararat Shrine Temple, 5100 Ararat Dr, Kansas City, MO.
- Apr 18** 6:00 PM AARC Coffee. Perkins Restaurant, 108<sup>th</sup> & L Streets, Omaha, NE.
- Apr 21** 7:00 PM OMMRS Training, Salvation Army 106th and Burt Cir, Omaha, NE
- Apr 23** 7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
- Apr 23** 7:30 PM SWIARC Meeting. 705 N 16<sup>th</sup>, Council Bluffs, IA.
- Apr 25** 10:00 AM OPD Salute to Safety Fair, Westroads Mall
- Apr 28** 6:30 PM AARC Directors' Meeting. Peony Park Hy-Vee, 7910 Cass, Omaha NE
- Apr 28** 6:30 PM SWIARC License Exam, 705 N 16<sup>th</sup> St., Council Bluffs, IA.
- May 13** 7:00 PM AARC Meeting. Red Cross Building, 81<sup>st</sup> & Spring St., Omaha, NE.
- May 9** 11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
- May 10** 3:00 PM AARC Rabbit Hunt. Memorial Park, 57<sup>th</sup> and Underwood.
- May 20** 7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
- May 21** 7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St., Bellevue, NE.
- May 16** 6:00 PM AARC Coffee. Perkins Restaurant, 108<sup>th</sup> & L Streets, Omaha, NE.
- May 26** 6:30 PM AARC Directors' Meeting. Peony Park Hy-Vee, 7910 Cass, Omaha NE
- May 26** 6:30 PM AARC License Exam Red Cross Building, 81<sup>st</sup> & Spring St., Omaha, NE
- May 28** 7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
- May 28** 7:30 PM SWIARC Meeting. 705 N 16<sup>th</sup>, Council Bluffs, IA.

For more details and the latest updates, see the *Calendar* section of the AARC web site (<http://www.aksarbenarc.org/>). If you know of an event of interest to other hams and

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**Omaha, NE 68124-0551**  
 KØUSA 146.940(-)/224.940  
 Web Page: <http://www.aksarbenarc.org>  
 E-Mail: [k0usa@aksarbenarc.org](mailto:k0usa@aksarbenarc.org)



## 2015 Membership Form

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

- A.  Pay Dues  Renewal  New  
 B.  Change of Mailing Address  
 C.  Update personal information (new call sign, upgrade, etc)

Personal Information			
Callsign _____	License Class _____	Name: _____	
Address: _____		City: _____	State: _____ Zip: _____ + _____
Email address: _____		Are You A Member of the ARRL? <input type="radio"/> Yes <input type="radio"/> No	
Phone: _____	Occupation: _____	Ham Hum Delivery <input type="checkbox"/> Mail <input type="checkbox"/> eMail <input type="checkbox"/> Both	

Spouse Information <small>(Complete Only For Spouse Applying at Same Time)</small>	
Callsign _____	License Class _____ Name: _____
Email address: _____	Occupation: _____ ARRL Member <input type="radio"/> Yes <input type="radio"/> No

Minor Dependent <small>(Complete Only For Minors Applying at the Same Time)</small>			
Callsign _____	License Class _____	Name _____	ARRL Member?
_____	_____	_____	<input type="radio"/> Yes <input type="radio"/> No
_____	_____	_____	<input type="radio"/> Yes <input type="radio"/> No

Annual Dues <small>(January thru December)</small>		
For Club Use Only – DO NOT WRITE IN THIS AREA		
<input type="radio"/> Full Member	\$20.00 year	Amount: _____
<input type="radio"/> Accompanying Spouse	\$ 4.00 year	Amount: _____
<input type="radio"/> Accompanying Minor Dependent	\$ 4.00 year x # of minors renewing	Amount: _____
<input type="radio"/> Student Member (full time student)	\$ 8.00 year	Amount: _____
<input type="radio"/> First Year Complimentary	(No charge for remainder of 1st year licensed)	
Date First Licensed: _____		Total Paid: _____

Mail to:

**Ak-Sar-Ben Amateur Radio Club, Inc.**  
**PO BOX 24551**  
**Omaha, NE 68124-0551**