

# Ham Hum

Oct 2016 Volume LXV1, Issue 10

The D-Star Presentation was not able to be shown during the September meeting, and so we were entertained by watching a video of the Amsterdam Island International Dx-pedition which took place in 2014. An interesting story of this group of



Hams who made the journey to this remote island in the Southern Indian Ocean. Inhabited by herds a cattle, gulls and penguins this small volcanic island which at one time was a weather station is on occasion visited by a handful of amateur

radio operators. At 6 by 4 miles it is a speck on the globe 2,100 miles from Australia.

## BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for 25 Oct 2016 at 6:30PM, Peony Park Hy-Vee on Cass Street, Omaha. Unless further Notice, the board meetings are held on the fourth Tuesday of each month.

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## OCTOBER MEETING:

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The October meeting will be on 14 Oct 2016, 7:00 PM, Red Cross Bldg., 81st & Spring Streets, Omaha, NE The program will be a Power Point Presentation. "The **Reverse Beacon Network** is a revolutionary new idea. Instead of **beacons** actively transmitting signals, the RBN is a **network** of stations listening to the bands and reporting what stations they hear, when and how well.

## Club Calendar

- Oct 14 7:00 PM AARC Meeting Red Cross, 81st & Spring St, Omaha, NE  
Oct 15 AARC Coffee & Conversation 10770 MSt, Omaha, NE (Village Inn)  
Oct 16 AARC Rabbit Hunt (Fox Hunt)\_Memorial Park Omaha, 3:00 PM 146.940  
Oct 18 OMMRS Training, 7:00 PM  
Oct 19 Heartland Hams Meeting, 7:00PM 403 Railroad Ave, Glenwood, IA  
Oct 20 7:30 PM..Bellevue ARC meeting, Bellevue Masonic Hall Dining Room,  
1908 Franklin St, Bellevue, NE  
Oct 22 OMMRS radio testing  
Oct 25 License Testing 6:30 PM, Council Bluffs, 705 North 16th St.  
Oct 27 PARC Meeting, 7:30PM, 1900 Military Ave, Fremont, NE  
Oct 27 SWIARC Meeting, 7:30 PM Loess Hills Chapter Red Cross, 705 N 16th St C-Bluffs
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- Nov 3 License Testing, Lincoln ARC, 6:30PM, Northside Cafe, 2701 N 48th St, Lincoln

### Saturday Night Coffee and Conversation

September 17, 2016 was the monthly get together at Village Inn on 108th and L Street in Omaha. Brian-WE0BEP, John-WB0CMC, Dave-NO1SB, Chris, Mary-N0TRK, Pat-NOCTU, and Bill-KC0SVZ attended.

One of the discussions was the article in QST about the Amateur Radio Parity Act that, if it flies, grants us the right to construct an effective antenna system, even where existing homeowners



**6:30PM—9:00PM**

association restrictions prevent it. That's a big if. John, WB0CMC said he pulled boards out of the repeater, sprayed and cleaned them, then resealed them in place. It seemed to have worked, but come Monday night on the Net, we still had enough noise and had to change to 147.360. There were a lot of other topics discussed, which, of course, included facts from Star Trek. Interesting thing unknown to me was when Chekov and Uhura beamed to the USS Enterprise (Air Craft Carrier) to extract emissions from the nuclear reactor, was Not the Enterprise. It was the USS Ranger a mothballed carrier in Bremerton, Wash. It was also used in Top Gun. In 2005 the carrier was towed to Brownsville, TX for scrapping. Everyone is invited to attend these informal chats at Village Inn, bring your smart phone or laptop and make use of the Wi-Fi and enjoy the comradery. Brian — WE0BEP

### Address Change?

If you've changed your mailing address, or would prefer to receive the *Ham Hum* via email, please contact Mary N0TRK (Membership) or Brian WE0BEP (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/>

## Club Officers & Board Members

President	Mitch Saure	WBØGBI	president@aksarbenarc.org
Vice President	Kevin Hill	KAØVNY	vicepresident@aksarbenarc.org
2014 Secretary	Bill True	WA9ASD	secretary@aksarbenarc.org
2014 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2014-2016 Director	Russ Rosenquist	NEØG	board@aksarbenarc.org
2014-2016 Director	Barb Westcott	KCØHLB	board@aksarbenarc.org

## Club Committees

Immediate Past President	Adam Kavan	KDØMMG	board@aksarbenarc.org
Courtesy Committee	Bill McCollum	KEØXQ	courtesy@aksarbenarc.org
Education	Adam Kavan	KDØMMG	education@aksarbenarc.org
Field Day	Adam Kavan	KDØMMG	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	Adam Kavan	KDØMMG	prizes@aksarbenarc.org
Public Service/Emergency	Jim Westcott	KAØKCV	pr@aksarbenarc.org
Publications	Brian Pitchanau	WEØBEP	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	John Gebuhr	WBØCMC	repeater@aksarbenarc.org
Vice Chairman	Steve Schmitz	NØUP	repeater@aksarbenarc.org
Control Operator	Mary Joseph	NØTRK	repeater@aksarbenarc.org
Club Call sign 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

**AKSARBEN ARC Club Meeting - September 9, 2016** The meeting was called to order at 7:05 PM by saying the Pledge of Allegiance followed by introductions by name and call. There were 32 attendees.

**Officers and Board members** present included: Mitch, WB0GBI; Kevin, KA0VNY; Dave, N0JSB; Bill, WA9ASD; Barb, KC0HLB; Russ NE0G and Adam, KD0MMG. Secretary's Report - Bill WA9ASD - Since there were no corrections to the minutes of the last club meeting they were declared approved as published in Ham Hum.

**Treasurer's Report** - Dave, N0JSB reported that for the general fund there were revenues of \$32 from meeting refreshments, \$20 from dues, \$18 from name tags, \$1 donation and \$7.19 from the Amazon Smile Donation. Expenditures for August were \$23.31 for refreshments, a \$25 gift certificate for our speaker, \$490.04 for Flea-Esta door prizes, \$650 for installation of the new repeater antenna on Channel 7 tower, \$18.20 for name tags and a \$3 bank fee. This leaves a total balance on all accounts of \$19,383.26.

**President's Report** - Mitch, WB0GBI - Mitch requested that everyone attend Flea-Esta.

**Vice President's Report** - Kevin, KA0VNY - Tonight's program will be some DX-pedition videos. The October program will be on Reverse Beacons. The November program will be by Joe Eisenburg on Kits and Dayton 2017.

**ARES/OMMRS** - Mary, N0TRK reported that there will be OMMRS radio testing on October 22.

**SATERN** - no report

**Community Events** - Pat, K0CTU - The Corporate Cup Run will be September 25. Only HTs will be necessary. The time frame is 8:30 AM until about noon. Contact Pat to participate.

The Market-To-Market relay will run on October 8.

The CROP Walk will be October 9. They have not responded yet to our request for info. It usually only needs 3 or 4 people to handle it.

**Public Service** - Jim, KA0KCV - Pay attention to Pat.

**Education Committee** - Mary, N0TRK - no report.

**Membership Committee** - Mary N0TRK - We an application for membership from General Class licensee Ethan Meirovitz, KD0NHD. There was a motion by Barb, KC0HLB, with a second from Norm, WA0JYD to accept the membership application. The motion passed unanimously. Publications/Web Services.

**Ham Hum**, Brian, WE0BEP - With the summary meeting minutes being printed there is more room for additional material. Brian requested that anyone with an article for the Ham Hum to send it to him.

**Web Services** - Mary N0TRK - The club web page is a new site and we will always accept help in maintaining the website.

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**Nominating Committee** - Adam, KD0MMG - We need to select some new board members; contact Adam with your suggestions.

**QSL and Technical Committee** - Ed, K0IL - no report

**Courtesy Committee** - Bill, KE0XQ - no activity

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

**Public Awareness** - The Mini-Maker Fair will be in the spring.

On Labor Day September 3rd, Mary N0TRK, and Pat K0CTU drove out to the Niobrara river, just North of Basset, Nebraska and put K0USA on the air, and activated WR06 (Whiskey River Zero Six), which is the "Niobrara Wild and Scenic River" for National Parks on the Air. They made just over 200 contacts, including an Italian station. And then on Monday they activates the "Mormon Pioneer Historic Trail", which is designated TR06. near the Florence Mill in Northeast Omaha. Justin KD0BHP was along for the ride this time, and supplied them with some refreshments when he arrived. After a few hours they racked up 300 contacts, and stopped at that number, including contacts from a station in Slovenia, and one in Portugal.

**Transmitter Hunt** - There will be a transmitter hunt on Sunday, September 11 starting at 3 PM from Memorial Park.

**Flea-Esta** - Chris Rice - Twenty-seven tables have been sold. The grand prize will be a Yaesu VX-7R tri-band HT. Flatwater will also be there again this year. The date is September 10 from 8 AM until noon at the Sarpy County Fair-grounds.

**Old Business** -

The club potluck picnic will be September 18 at the Hayworth Park picnic shelter at 1:30. The club will provide hamburgers and hot dogs. Bring a side dish.

**New Business** - none

**Announcements** - none

**Door Prize Committee** - Adam, KD0MMG - Door prizes will be available tomorrow at the Flea-Esta.

Cookies are available in the kitchen - please donate to fund these.

Support your local repeater with donations. The club accepts donations for any area repeater and forwards the funds to the repeater owner.

At 7:36 there was a motion by John, WB0CMC, seconded by Norm, WA0JYD to adjourn.

## EQUIPMENT ADS

### **HF Amplifier - Legal Limit - 80, 40, 20, 15, 10 meters.**

Finest components in a superb home-brew amplifier. Built right from the Eimac/W6SAI design. Requires a 3-1000Z tube. Power supply is disassembled consisting of motorized variac for setting HV, broadcast quality plate transformer, diode stack, swinging choke, and filter capacitors. Includes metering panel for setting and monitoring line voltage and plate voltage, line circuit breaker, etc.

RF Deck is stand-alone with vacuum variable w/ turns counter, air variable, B & W tank circuit coupled to band specific input matching circuits, meters for plate current, drive level and directional coupler and Dow-Key transfer relay. 30"H x 29"D x 21"W See Pictures at: <http://www.aksarbenarc.org> \$700 or best offer.– We deliver. Contact: [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org)

### **HF Dummy Load**

You don't have a transmitter that will exceed this load's rating. Unit consists of 12 X 600 Ohm 375 non-inductive resistors in parallel with UHF connector. Not enclosed. 4,500 watts continuous rating. 21"L x 6 1/2" D See pictures at:

<http://www.aksarbenarc.org>.

\$225 or best offer contact: [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org)

### **Non-Inductive Resistors**

600 Ohm, 375 watts continuous. 1" X 18" ceramic. Good for high power rhombic or Beverage antenna termination. Six available. See picture at:

<http://www.aksarbenarc.org>.

\$20 each Contact: [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org).

### **Antenna Relay**

DowKey DK-60 120 vac coaxial antenna relay with UHF connectors. In good condition with auxiliary contacts.

\$25 or best offer Contact [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org)

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## EQUIPMENT ADS

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### Low Speed 120VAC Reversible Motor

Operates at 11 or 23 RPM in either direction. 1/4" output shaft. Simple to wire up. Includes capacitor for controlling direction. Great for a roller inductor or air variable in a remote tuner. Four available. See picture at:

<http://www.aksarbenarc.org>.

\$25 each Contact: [equipment@aksarbenarc.org](mailto:equipment@aksarbenarc.org)

**Sinclair SRL-229 Base Station Antenna.** Gain:6.1 dB (8.3 dBi). Bandwidth 6 MHz (Centered @144-148 MHz). Power rating: 300 Watts, Polarization: Vertical. Omnidirectional. Lightning protection: DC ground. Termination: N male. Length: 258". Weight: 25 Lbs. Rated wind velocity:125 Mph. Rated wind with ½" radial ice:105 Mph. Horizontal thrust @ rated wind and ice load: 190 Lbs. New price: \$1338.75 +S&H. Your price: only \$500 (OBO). The antenna has had a minor repair and is in good working order. Contact WB0CMC. 402 932 3443 or [wb0cmc@cox.net](mailto:wb0cmc@cox.net)



The Market to Market Relay was held last week, October 8th. Volunteers from both the Ak-Sar-Ben Amateur Radio Club and the Lincoln ARC will be on hand to assist in visual track when runners arrive at each exchange point as well as providing communications to medical personnel available at certain exchange points. More info on this event will appear in next months issue. Can you imagine running 2 to 3 miles dresses like this? Some teams do, some don't. But there is a prize for team theme.

<https://youtu.be/8a0-R-qINDU>

Recap of 2015 Published on Oct 6, 2015



# 2016 Annual AARC Picnic



Justin, KE0BHP — set up on one of the picnic tables and using a simple wire dipole antenna, was making contacts all the way to Italy.



Kevin, KA0VNY — Kept himself entertained observing a praying mantis.





There certainly would not be a picnic without a charcoal grill filling the air of burgers and dogs for all to enjoy. Jim, KA0KCV - a man of many talents provided just that.



On the Left, Pat, KOCTU and Barb, KCOHLB, make a grab for ketchup and buns.. On the Right Mary NOTRK googling and Kevin KA0VNY appears to be in tears because his Mantis had flown away, as the rest of the crew continue to enjoy the perfect weather.



Rollie, AB0NN and Bill, WA9ASD giving me that I'll get you look. Well that's the life of a Papparazzi.

## 2016 AARC FLEA—ESTA



**Kevin, KA0VNY attending the parking lot for this years event**

The AARC 2016 Flea Esta was held last month, September 10th, in Springfield, NE. Overall, a great time for Hams to gather and look over a plethora of items for sale or trade. In addition to great food, there were some nice Door Prizes during the



Adam, KD0MMG presenting the **Grand Prize to Rollie Miller, AB0NN a Yaesu VX-6R Radio.**

Other prizes were won by Russ Rosenquist, N6OG an MFJ Lightning Protector. Leonard Parkison, K0DQFE won a 2017 Repeater Directory and a \$50 ARRL Gift certificate. Dave Rice, N0JSB a \$25 ARRL Gift Card and a \$10 RF Adapter Guy gift certificate.

In addition Further Prizes were won by Kevin Hill, KA0VNY an ARRL Remote Operating for Radio Manual and an MFJ Lightning Protector. An ARRL Handbook was won by James Wennblom, K0HW. Brian Sohl, KE0GKB received a N3FJP Software Gift Certificate. Bob McCoy, N8ON won an Arduino Kit and a Make It Component Kit. Tom Klamt, KE0QL received a \$25 ARRL Gift Certificate and he also won a High Speed Multimedia for Radio Manual/Cap. Mike Campbell, KE0KAZ was the winner of an Atomic Clock. And Bill Snyder, K0FJR also won an Atomic Clock. Don Eden, WA0VGB won a MFJ Lightning Protector. Bill McCullom, KE0XQ won an ARRL Extra Question and Answer Directory/Cap.



D&L has been at the AARC Flea Esta generally each year when his truck works, however this year he showed up with a new truck.

Rich WA0ZQG looks like he paid for a table so he had a spot to sit. He was selling base balls at half price.



Chris taking in sales for the food items while Rollie ABONN dished it out to the hungry customers.

Other tables at the Flea-Esta.

After all was done and done, the Flea Esta was a great success. The club made over \$500.00.

# 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 SSB 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.