

# Ham Hum

August Volume LXVII, Issue 8



Michael Sibbersen provided an outstanding presentation on the solar eclipse that will allow viewers to experience this event on 21 August 2017. It is estimated that thousands of viewers will be lined up along what is called the totality path to witness 2 1/2 minutes of darkness. Of course, safety was emphasized. He had a slide show that went through the stages of the eclipse. He stated that you can Not Look at the sun without eye protection.

The only time you can take off your eye protection is for that 2 minute window when the moon completely covers the sun. For more in-depth safety information visit NASA's web page on how to safely view a solar eclipse at:

<https://eclipse2017.nasa.gov/safety>

The next **Coffee and Conversation** is 19 Aug 2017. Saturday night, 6:30 PM until usually 9PM. Open to all, try it and enjoy the vast array of stories. Most likely topics are, but not limited to, upcoming events that the Club will participate in, maybe an article in the most recent QST magazine, possible it could be the upcoming solar eclipse. Location is Village Inn Restaurant 108th and L St, Omaha.



## AUGUST MEETING:

The July meeting will be on 11 Aug 2017, 7:00 PM, Red Cross Bldg., 81st & Spring Streets, Omaha, NE. *The program schedule for this meeting is on Solar Eclipses.*

# 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. (Not so Active anymore)

## 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.

## BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for **22 Aug 2017 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.

**Good idea to check the WEB Site for any changes in Dates or Locations.**

## Club Officers & Board Members

President	Kevin Hill	KAØVNY	president@aksarbenarc.org
Vice President	Bill True	WA9ASD	vicepresident@aksarbenarc.org
2017 Secretary	Russ Rosenquist	NEOG	secretary@aksarbenarc.org
2017 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2017-2018 Director	Dan Buchholz	NØPOT	board@aksarbenarc.org
2017 Director	Barb Westcott	KCOHLB	board@aksarbenarc.org
Immediate Past President	Mitch Saure	WØJG	board@aksarbenarc.org

## Club Committees

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-Dir.	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 Coord.	Bill McCollum	KEØXQ	oo_coordinator@aksarbenarc.org

AARC Ham Hum Post Office Box 24551, Omaha, NE 68124-0551

## **Aksarben ARC Meeting 7/14/17**

Meeting called to order at 19:00 with the saying of the Pledge of Allegiance, 30 were in attendance

Officers and board members present: Dave N0JSB, Kevin KA0VNY, Bill WA9ASD, Russ NE0G, Mitch W0JG, Barb KCOHLB

### **Secretary's Report:**

There were no corrections to June report as originally submitted by Mitch W0JG (Russ NE0G was out of town for June meeting).

### **Treasurer's Report:** From Dave N0JSB

Main Checking \$5,188, Repeater Checking \$510, Savings \$1,974, CD Life Member \$6,398, CD Life Member \$6,623 and CD Repeater \$1,093. Total=\$21,789.24  
Income: included \$432.00  
Expenses: \$768.17

### **President's Report:** *Kevin KA0VNY*

*The club picnic will be Sept 23<sup>rd</sup> at 2:00PM at Haworth Park in Bellevue. The club will supply the meats and the club membership is encouraged to bring side dishes. Bring your own drinks.*

### **Vice President's Report:** Bill WA9ASD

Tonight's program presented by Michael Sibbersen titled "Inside The Great Nebraska Eclipse".

The August presentation will be a photos of the new Dayton Hamfest location.

The September presentation is in the works.

### **ARES:** Mary N0TRK

OMMRS training this Monday 7/17/17 at 7:00Pm at the Salvation Army 106<sup>th</sup> & Burt Street in Omaha. The training will focus on Net Participation Training.

### **Community Events:** Pat K0CTU

Sept 7<sup>th</sup> there will be the Corporate Cup Run

Sept 30<sup>th</sup> is the Market to Market

Oct 8<sup>th</sup> is the Crop Walk

**Education:** Kevin KA0VNY

Dan N0POT and Justin will be doing training in the near future

**Membership:** Mary N0TRK

New Applications for membership – NE0NWP Daniel Norstrom, KE0NEX Brian Smith, KE0NEY Heidi Smith, A motion was made by Norm WD0JYD and seconded by Jim KA0KCV to accept the new applications as members. There was no opposition for acceptance in the club

New Applications for membership present at meeting - W0DB Joe Brown, KE0NQE Kyle Jorgensen. John WB0CMC made a motion to accept the applicants as members and Adam DK0MMG seconded. All membership approved the motions.

**Publications:** Brian WE0BEP

Membership indicated they enjoyed the word search.

**Repeaters:** John WB0CMC

Repeater is working. There was an issue where there was a stuck microphone holding up the repeater. Please watch your equipment. There also has been more “kerchunking” going on, remember it is a FCC rule that one must use their call sign when accessing a repeater

**QSL/Technical Committee:** Eddy K0IL (Not Present but report from Mary N0TRK)

Mary reported she be down at Homestead National Park for the Eclipse and making contacts. There was information regarding the eclipse event at Homestead National Monument

**Courtesy Committee:** Bill KE0XQ (not present, report given by Kevin KA0VNY)

No cards were sent out

**Equipment Committee:** Mary N0TRK

Ladder Rack is being added to trailer

**Transmitter Hunt:** Report by Bill WA9ASD

There has been a shortage of participants thus there possibly may not be a hunt next month. Bill indicated he would go to the park and be available for questions.

**Field Day:** Adam KDOMMG (Adam)

A great time was had by all and the food was good. 40 meters was the band that worked the best.

**Flea Esta:** Chris N/C

This year's Flea-Esta will again be at the Sarpy County Fairground on September 16<sup>th</sup>. The Grand price is an ICOM 2730 dual band radio. Tables are \$8.00 in advance and \$10.00 the day of event. Volunteers are being sought out.

**Old Business:** None

**New Business:** None

**Announcements:**

Door prizes were detailed by Adam KDOMMG

Dave N0JSB was recognized for his activities and hard work in all he does with the club

The meeting was called adjourned at 19:50

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**Did You Know**

Radio waves that leave the transmitting antenna at an angle higher than the critical angle are not refracted enough to return to Earth. It just goes out to space. Low angle wave will return to Earth farther away than a steep angle. Kind of what you can demonstrate on a billiard table. So the key is, how to determine just what is the critical angle? It may not be Rocket Science, but again, maybe it is.

I'm seeing these light-emitting diode lamps in the stores and they look kind of cool. Have not bought one yet, but an LED is more power-efficient, faster response time, longer life, than incandescent indicator lamps. I'll try one and after an hour grab ahold of it and see if it cooler to the touch.



# JULY DOOR PRIZES

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This months Door Prizes were won by

**Kyle—KE0NQE**, who picked up a Wrench complete with its own light.

**Russ—NE0G**, won the small Fan that is powered by plugging into a UBS port.

**Dan—KE0NWP**, got the Out Rigger 4.

**The Brown Bag prize** was won by **Dave—NOJSB**. It was a set of screw drivers.



And Finally the **Mr. Reeh Prize** was won by **Dan—KE0NWP** which was a vintage Speaker set. Maybe it is a stereo, but not so sure.



All tickets that are purchase for the monthly door prizes, even those who were winners, are placed back in the jar for the drawings during the December meeting. During the December meeting there is plenty of drawings for door prizes, food such as many types of Chili, sandwich fixin's, and a Grand Prize which will be announce in the near future. So, by those tickets as they will be used for the December prizes.

*The Ok-Sar-Ben Amateur Radio Club Presents...*

# FLEA-ESTA

**September 16, 2017**

**8:00 am to 12:00 noon**

**Sarpy County Fairgrounds**

**SPRINGFIELD, NE**

**Admission is \$5.00 Food is available Door Prizes during the event.**

**GRAND PRIZE is an Icom IC-2730A 144/440 MHz Mobile Radio**



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## **Nebraska City Flea Market**

**AUGUST 28 and 27, 2017**

From the Highway 2 by-pass, south of Nebraska City, turn North at Victorian Acres Campgrounds. Follow the gravel road to the two tall towers. It will be at Tom's Radio on the Kearney Hill.



## EQUIPMENT ADS

### Home Brew Amplifier

A superb construction of a full legal limit HF amp. by the book. Needs only a 3-1000Z tube and HV P.S. needs to be reassembled. See Aksarben eSwap for more details. just reduced to \$500. We deliver.

**Dummy load** - high power. full legal limit - 12 x 600 Ohm 375 watt resistors in parallel \$150

**Tektronix 475 O'scope** with manual and 2 probes. Has sweep problem 200 MHz dual trace \$200

**HP 432A RF Power Meter** with 8478B thermister mount 10 MHz to 18 GHz \$160

**Shure 522 desk mic** \$25

**Kenwood PC-1 phone patch** \$20

**Heathkit HD-19 Phone Patch** Change the connectors and you have a computer interface. \$15

**Bell and Howell 5 MHz scope** - does not work \$15

**1988 Handbook** \$20

**1995 Handbook** \$20

**Low speed reversable motor** - 11 or 23 RPM - 115 vac \$20

**600 Ohm 375 watt non-inductive resistor** \$15

**General Radiotelephone SWR/Wattmeter** 5w / 25 Model 615C \$15

**Radio Wholesale "Mr. RTTY"** commercially made ST-6 (Terminal Unit) for mechanical RTTY \$10

### **Hy Gain SPT-500 VERTICAL, 10/12, PENETRATOR, 1.5KW**

This fantastic true full-size 5/8 Wave 10 / 12 Meter vertical antenna from Hy-Gain with a full-size radiator with lower radiation angle concentrates power closer to the ground, where you want it. Measures 22 foot, 9.5 inches. Four full-length radials and special machine-formed brackets give extra talk-power and overall strength.

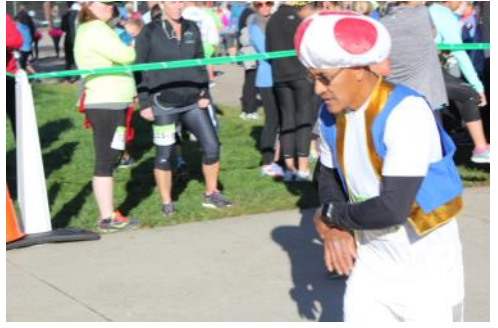
Gain (dB) 5.3 dB \$20

## Club Calendar

- Aug 11** AARC meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE  
**Aug 12** License Testing 1:00 PM, MidlandsHospital 11111 S 84th St, Papillion, NE  
Sponsored by the Bellevue ARC.
- Aug 19** 6:30PM, AARC Coffee and Conversation 10770 M St, Omaha, Village Inn.  
**Aug 13** AARC Rabbit Hunt. Memorial Park, 3:00 PM  
**Aug 16** 7:00 PM Heartland Hams Meeting, 403 Railroad Ave, Glenwood, IA  
**Aug 17** 7:30 PM..Bellevue ARC meeting, Bellevue Masonic Hall Dining Room,  
1908 Franklin St, Bellevue, NE
- Aug 19** AARC Coffee and Conversation 6:30 PM Village Inn 108th and L St Omaha, NE  
**Aug 22** AARC Board Meeting, 6:30 PM Peony Park Hy-Vee on Cass Street, Omaha.  
**Aug 24** 7:00 PM SWIARC meeting 705 N 16th St, Council Bluffs, IA.  
**Aug 24** 7:30 PM PARC Meeting, 1900 E. Military Road, Fremont, NE  
**Aug 29** License Testing 6:30 PM 705 N 16th St, Council Bluffs, IA  
Sponsored by the SWIARC—Council Bluffs.
- Sep 7** License Testing 6:30PM, Lincoln ARC, 2701 N 48th St, Lincoln, NE  
**Sep 8** AARC Meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE

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## From last years Market To Market <sup>®</sup> Relay



New Club Members, We will be looking for volunteers to be posted at exchange points to monitor and assist teams during this event. Checkout the web site at

<https://www.markettomarketrelay.com/locations/nebraska/>

Of the 19 exchange points, AARC will post radio operators at the first 8 and the Lincoln Club will pick up 9 thru 19.

<https://www.markettomarketrelay.com/locations/nebraska/>

## UP COMING EVENTS

### Iowa State Convention

HAMFEST/CONVENTION

23 September 2017

**Location:** Sergeant Bluff Community Center  
903 Topaz Drive  
Sergeant Bluff, IA 51054

**Sponsor:** Sooland Amateur Radio Association & Dakota County Amateur Radio Club

**Type:** ARRL Convention

**Talk-In:** 146.97 (PL 110.9)

**Public Contact:** Jim Rhodes , K0XU  
429 East 26th Street South Sioux City, NE 68776  
Phone: 712-898-2140  
**Email:** [K0XU@longlines.com](mailto:K0XU@longlines.com)

### Market To Market<sup>®</sup> Relay

Saturday, 30 September, 2017 Nebraska's Mkt 2 Mkt relay is the largest day long relay in the nation. 76 Miles, 19 exchange points, from Omaha to Lincoln. Up to 600 Teams participate in this annual event described by one of the runners as "The Best Worst Time You'll Ever Have". That's for the Runners, not for AARC members. For New Club Members think about volunteering for this event. Knowing that your at an exchange point to assist with keeping track of runners, dispatching ambulances if and when someone falls and injures themselves, or if one needs attention from heat exhaustion as some run in costume and it can be a bit hot, even in September. If interested see Pat KOCTU who is the Special Events Coordinator during the next meeting.

[https://www.facebook.com/pg/PinnBank/photos/?tab=album&album\\_id=1462742580407701](https://www.facebook.com/pg/PinnBank/photos/?tab=album&album_id=1462742580407701)

# CALL SIGN SEARCH

See if your in here (someone is here twice)

W A O A B C N O E R  
N B N O A W K K E K  
7 O O A J A A E K 5  
S K M G O 9 O O E L  
M O I N A A V D O B  
K D X O O O N V B S  
A G W P N T Y L X O  
4 N E O N K R W D P  
Z O N U T C O K D A  
Z M M V O N O J S B  
Q T T O P O N K E G  
W B O C M C O B K Q  
N D O K F R Z G 1 Z  
E D S A 9 A W O L O  
O N O J S B B E D A  
J N O R I S P N Y W