

# Ham Hum

Dec2016 Volume LXV1, Issue 12

The November 2016 program was presented by Justin, KE0BHP on D-Star; a Hybrid radio communications method which uses both Radio Frequency Transmissions, and the Internet. Justin provided a few of his creations he built as he explained what they were and how they worked. Justin took us to a web site where downloads are avail. [Aprs.mountainlake.k12.mn.us](http://Aprs.mountainlake.k12.mn.us) from here you can navigate to other similar domains.



The up coming December membership will be when we vote for the new Officer's and Board Members. Currently the following people are running:

President — Kevin Hill, Vice President Justin Tabor,

Board Members: Dan, N0POT / Dave, N0JSB / Bill, WA9ASD

There is the possibility that more members may step up to run for any of the positions

If you are unable to attend the December meeting and which to vote, use the Proxy form published in Last Months Ham Hum, page 11 or this issue, page 15.

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## DECEMBER MEETING:

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The December meeting will be on 9 Dec 2016, 7:00 PM, Red Cross Bldg., 81st & Spring Streets, Omaha, NE There will be no program for the December meeting due to the election and food. The January meeting program will be the re-scheduled Dayton new location program and a seminar on "kits" by Joe, KONEB.

## AKSARBEN ARC Club Meeting - November 11, 2016

The following is a summary of the AKSARBEN ARC Club Meeting - November 11, 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 43 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 - There were no corrections to the minutes of the last club meeting and they were declared approved as distributed.

Treasurer's Report - Dave, N0JSB reported that for the general fund there were revenues of \$25 from meeting refreshments, \$9 for name tags, \$40 from dues, \$70 from equipment sales and a \$500 donation from the organizers of the Market-To-Market Relay. Expenditures for October were \$21.91 for refreshments and a \$3 bank fee. This leaves a total balance on all accounts of \$20,653.45.

President's Report - Mitch, WB0GBI - Mitch noted that the Annual Meeting is next month and we need a vice President candidate. Following the election there will be a final raffle grand prize and a meal.

Vice President's Report - Kevin, KA0VNY - Justin, KE0BHP will discuss his uses of D Star. The January program will be presented by Joe, K0NEB on kits and the new Dayton Hamvention location for next year.

ARES/OMMRS - Mary, N0TRK reported that the mini-drill for hospital sites went well. The next event is Skywarn Recognition Day on December 3 at the NWS.

SATERN - no report, Community Events - Pat, K0CTU - no report.

Public Service - Jim, KA0KCV - "Pat's not here."

Education Committee - Mary, N0TRK - There will be a Technician License Class after the first of the year.

Membership Committee - Mary N0TRK - We will be accepting dues payments after the business meeting.

Publications/Web Services. Ham Hum, Brian, WE0BEP - no report

Web Services - Mary N0TRK - All of the web site information has been moved to the new website. Use the /home address.

Repeater Committee - John, WB0CMC - The repeater is up and working. Steve, N0UP presented a summary of the write-up John prepared that will soon be on the club web site.

QSL and Technical Committee - Ed, K0IL - He has cards to send out.

Courtesy Committee - Bill, KE0XQ - A get well card was sent to K0GND. WB0BIK had a knee replacement.

Equipment / Trailer Committee - Mary, N0TRK - We have a winter home for the N6KVA trailer in southwest Omaha.

Public Awareness - Mary, N0TRK - National Parks on the Air is nearing its end. There were 490 sites identified for activation and most of them have been activated, meaning there has been an amateur radio operation from the location. There have been 830,778 contacts so far with National Parks and there is a goal to get to 1,000,000. Mary has planned 2 more trips to Homestead National Monument; one on Sweepstakes weekend on November 20 and the last on December 31 to end the activation at 2359 GMT on the last day of the year.

Transmitter Hunt - There will be a transmitter hunt on Sunday, November 13 starting at 3 PM from Memorial Park. Dave, N0JSB will be hiding the transmitter.

Nominating Committee - Adam, KD0MMG - We have Kevin, KA0VNY as a candidate for President, Justin, KE0BHP for Vice President and Dan, N0POT, Bill, WA9ASD and Dave, N0JSB as candidates for the 2 open board positions. There is always room for more candidates. Please see Adam if you would like to run for election or have a suggestion of a candidate.

Old Business - none

New Business - Fred, KB0LF representing the Lincoln Chapter of the QCWA presented Aksarben ARC with the first place plaque in the club category for the April Nebraska QSO Party. In addition the club placed second overall.

Announcements - Ralph, W0SMY would like some assistance with putting an antenna up in the attic where he lives.

Fred, KB0LF outlined some of the events planned for the 150 year anniversary of Nebraska becoming a state. More information can be obtained at [www.ne150.org](http://www.ne150.org). He also talked about some ham radio related activities in conjunction with the anniversary. There is a website established to discuss and publicize those plans at [www.nehams150.org](http://www.nehams150.org).

Dave, N0JSB announced that KA0AAB is selling his Icom 745 station and other equipment for \$500.

John, WB0CMC said the club should send a thank you letter to Warren Behrnes at KETV for all of his assistance with our repeater work on their tower.

Door Prize Committee - Adam, KD0MMG - Door prizes are a USB charger, a portable speaker with Bluetooth, a ARRL Repeater Directory and remote control light bulb and the ever present Brown Bag Door Prize and the Mr. Reeh Door Prize. 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 7:40 since there was no more business before the club Mitch announced that the meeting was adjourned. John, WB0CMC then made a motion seconded by Steve, N0UP to adjourn.

## Club Calendar

- Dec 9 7:00 PM AARC Meeting Red Cross, 81st & Spring St, Omaha, NE  
Dec 17 AARC Coffee & Conversation, 6:30PM, Village Inn, 10770 M St, Omaha, NE  
Dec 11 AARC Rabbit Hunt Memorial Park Omaha, 3:00 PM 146.940  
Dec 15 7:30 PM..Bellevue ARC meeting, Bellevue Masonic Hall Dining Room, 1908 Franklin St, Bellevue, NE  
Dec 17 AARC Coffee & Conversation 10770 MSt, Omaha, NE (Village Inn)  
Dec 20 OMMRS Training 7:00PM—9:00PM  
Dec 21 Heartland Hams Meeting, 7:00PM 403 Railroad Ave, Glenwood, IA  
Dec 22 PARC Meeting, 7:30PM, 1900 Military Ave, Fremont, NE  
Dec 22 SWIARC Meeting, 7:30 PM Loess Hills Chapter Red Cross, 705 N 16th St C-Bluffs  
Dec 25 Dave, N0JSB may come visit you and if you were nice will give you an antenna you can set up in 15 minutes, however, if you get one by mistake (you were not nice) you will hit your head on the mast trying to set it up.  
Dec 27 License Testing, Council Bluffs 6:30PM—8:30 PM 705N 16th St Red Cross Building  
Jan 5 License Testing, Lincoln ARC, 6:30PM, Northside Cafe, 2701 N 48th St, Lincoln  
1Jan 13 7:00 PM AARC Meeting Red Cross, 81st & Spring St, Omaha, NE
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## Saturday Night Coffee

The AARC Coffee get-together is held at The Village Inn restaurant at the corner of 108th and L Streets in Omaha on the third Saturday of the month, starting at 6:30 PM. Everyone is invited. The last meeting on 19 Nov was a short one but those who attended were Mary-N0TRK, Pat-K0CTU, Kevin-KA0VNY, John-WB0CMC, and Brian-WE0BEP. John explained more about the issues with the 94 repeater antenna. I posted an article on page 5. He also talked about his Bees as he poured his home harvested honey on his pancakes. This lead to conversations on the Boys Town property, West of 144th St, that was recently sold. Why did that come up your probably thinking... Because there are a lot of bee hives there; you know, the wooden kind that look like small washing machines. Where are they going to move them I wonder. The topics turned to the USS Hazzard, Then to TP Links; I did not understand this one as it involves networking and the concept of Twisted Pair (hence TP). I could not follow along; maybe my mind was still on Bee hives. We also talked about the last day of NPOTA; a team going down to Homestead on 31 Dec.

*Brian WE0BEP*





AARC President, Mich Saure, WB0GBI accepts the 2016 Nebraska QSO First Place Award for KØUSA from Fred Eriksen, KB0LF. In the Club Activity Class, There were two club stations active this year and they set record numbers of QSOs for club stations. Leading the pack was KØUSA, the Aksarben Amateur Radio Club, with operations from two locations, one in Gage County and the other in Jefferson. The KØUSA operation from Gage County was from the Homestead National Monument, and doubled as an NPOTA activation. Kudos to the AARC for their operations that weekend.

## ARRL National Parks on the Air

President Woodrow Wilson signed the Organic Act of 1916 to conserve the scenery and the natural and historic objects and the wildlife therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations. Which created in the Department of the Interior a service to be called the National Park Service. The first National Park, Yellowstone, is the oldest and actually founded before the National Park Service itself, in 1872 by an Act signed by President Grant. In celebration of its 100th anniversary Hams across the country will be activating from an approved list of 413 areas that not only include national parks but also monuments, battlefields, military parks, historical parks, historic sites, lakeshores, recreation areas, scenic rivers and trails, National Memorials, and the White House. AARC is going to attempt its final activation at Homestead National Monument in Beatrice, NE on the last day of this event, 31 December 2016.

For more information on AARC's involvement in National Parks on the Air, go to

<http://www.aksarbenarc.org> or email: [npota@aksarbenarc.org](mailto:npota@aksarbenarc.org)

## 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)

(Continued on Page 7)

## EQUIPMENT ADS (continued)

### 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 1/2" 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)

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### ISS Contact

On Saturday, October 15, 2016, 19 local scouts were treated to a once-in-a-lifetime opportunity to talk with an astronaut on the International Space Station through the Amateur Radio on the International Space Station (ARISS) program. For this contact, scouts at the Mid America Council's Jubilee at Eugene T. Mahoney State Park, near Ashland, Nebraska were part of an "Astronaut Interview Team" that asked questions of Dr. Kate Rubins, KG5FYJ, in front of a crowd of nearly 6,000 attendees. The contact was completed through a telebridge connection to ARISS volunteer, Shane Lynd, VK4KHZ, in Glenden, Queensland, Australia and was moderated by Joe Spier, K6WAO.

Thanks to a great partnership between the University of Nebraska at Omaha, the Peter Kiewit Institute, NASA, NASA Nebraska Space Grant, and the Mid-America Council Jubilee, the contact was a resounding success. A support team from the Bellevue Amateur Radio Club (BARC), led by James Taylor, AJ0R, with technical and logistics support from Wayne Jorns, KE6DZD, and Dudley Allen, KD0NMD, provided coordination and on-site support for the ARISS contact. Astronaut Mike Fossum, KF5AQQ, served as the emcee for the event, which also kicked off Jamboree On The Air activities for the day. What a great day for scouting and for bringing the excitement of amateur radio to today's youth!

### **President Biography for Kevin Hill — KA0VNY**

My name is Kevin P. Hill, call sign KA0VNY. I received my first radio license in approximately 1979, and am now licensed as an Amateur Extra Class. I have been a member of AARC for at least 9 years and consider myself an active member of the club. I have been involved in many of the public service events that our club supports. I assist National Weather Service during storm season at NWS as one of the radio operators. I also assist with the Red Cross and getting the station back on the air as well as helping with the Salvation Army station. I have previously served the club as Vice President in 2016.

### **Vice President Biography for Justin Tabor — KE0BHP**

Justin Tabor is an Industrial Engineer. One of those whose passion is to always think of changing things in an effort to improve for the better. He graduated from the University of Nebraska and started work at UPS in the Engineering Department. His interest in radios began in his younger years when he received a scanner for Christmas one year. He enjoys building go boxes and making cool looking radio communications equipment that the Military would envy. Justin received his Technician license in 1993, later upgraded to General in 2015.

### **Board of Director Biography for Dave Rice — N0JSB:**

Dave Rice is 65 years old, Married 39 years to Chris. He was first licensed in 1983 and upgraded to General in 2008. Has been an active member of AARC since 1987; being the Treasurer from 2013 to present. Learned Morse code at age 10 while in the Cub Scouts. Accredited in Radio classes at World Radio Labs 1962 and AARC 1983. An Associate Electronics degree graduate, worked as an Electronics Technician at FDR for 24 years; maintained Rockwell phone switches for call centers. He is Retired now.

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### **BOARD MEETING NOTICE**

The next AARC Board Meeting is scheduled for 27 Dec 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.



## **Board of Director Biography for Dan Buchholz — N0POT:**

Dan Buchholz , N0POT, I moved from North Dakota to Omaha in 1986 for a job as a mechanic at a bowling alley (remember the bowling pins?). While going to school I met another guy who was into CB radios. When the "NO Code Tech" license came out we decided to our "ticket". Dave got a call of N0PHW, he now a silent key, and I got N0POT. What luck of the draw!! To this day people still ask if that is a vanity call. We both joined AKSARBEN ARC in 1991.

We drifted apart in the realm Amateur Radio. I pursued the storm spotting and chasing. Been at the right spot several times to report weather events. I acquired my Volunteer Examiner Certificate in 1994 and was active in helping new hams. In 1997 I was approached by Rick Graham AA0H to be a board member for Aksarben ARC for the upcoming year. I accepted and was voted into a 2 year term from 1998-1999.

However, the most fun was when Dennis N0GPD ask me if I would take over the Door Prize Committee. Over 700 prizes ranging from HF rigs, Dual band HT's and a gamut of Amateur Radio stuff was given away from 1996 - 2001. Do you have a cookbook or a Johnson power supply?

Currently, I employed at Mitt's Telecasting LLC. That would be KXVO TV. KXVO is co-located with KPTM. My main duty is transmitter supervisor and maintenance engineer for both stations. Unplugging a toilet or fixing a water leak on the high power transmitter is all in a days work!! I have time now to get more into this awesome hobby again. Helping build an antenna or doing training is the fun way to have fun in this hobby!!

## **Board of Director Biography for William True — WA9ASD:**

I am Bill True, WA9ASD. I was first licensed in September of 1960 in Wisconsin. In the following years I have used most of the modes available except digital. I have operated on most bands from 160M to microwave. I have participated in public service, training, club and individual operating events and public information. My interest tends toward the technical side of our hobby.

I joined my first radio club in Wisconsin and have since belonged to 4 other clubs in Illinois and Nebraska. All of them have had strong public service, training and operating interest. I have taught licensing classes, was a Volunteer Examiner and served as President of this club in 1988. I am a Charter Life Member of this club. I was elected to the Board in 2010 and have served as Secretary since then, a position I am willing to continue.

With over 1,200 hams in the immediate area I find it surprising that only about 10% of them belong to our club. I think we have something to offer many more of them and hope to see the membership grow to increase local participation and activity in all aspects of our hobby

## NOVEMBER PRIZES



On the left: Von Oliver—KDOKFR from Weeping Water, NE was the recipient of the “Brown Bag” prize. A four outlet Power Strip

Below: Billy McCollum — KEOXQ from Omaha, NE won the Mr. Reeh prize. Two publications: 101 ways to use your Ham Test Equipment and a copy of the AARC cook book.

Other prizes won were:

A Portable Speaker by Dan, N0POT

A remote control Light Bulb by Marvin, AE0EG

A USB Power Bank by Mitch, WBOGBI

The last prize won was a 2016-17 Repeater Directory by Don, WB0VGB which maybe the last copy printed edition if ARRL decides to go strictly electronic versions.



## 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

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

## 94 Issues John, WBOCMC

Steve, NOUP and I went out to the 94 site the second week in October to do some testing. The repeater was seriously de-sensing itself most of the time. Poking around in the rack didn't turn up anything. We put a termination right on the output of the rack and all worked perfectly. Looking at the return loss of the line showed about 15 dB. Not as much as I would expect but still OK. Hooking it back up to the repeater the de-sense returned. Obviously there was something on the tower bad.

The week of Oct 17 there was a tower crew installing a line for channel 17/26 which is moving from UNO to 7. When finished with that they were to plumb and tension the tower for KETV since it wasn't straight. I was able to sneak in a bit of work for us. The tower crew took a new jumper to replace the existing one but it was too short. I found a loop of ½ inch hard line on a shelf in the building and called Warren to see if we could use that. It had the right connectors as well. He said OK. I also had the crew put a 50 ohm termination on the band splitter and measured the return loss at 35 dB across 100-160 MHz. Nothing wrong here. With the new jumper terminated, no noticeable change, still -35 dB. Good here, too. We hooked it to the new antenna and I could see nearly no change in the return loss. I could tell when it made contact with the connector but no more. Bad antenna. I called Dave and he got the antenna trailer and we loaded the old antenna up and took it to my basement/back yard. We fixed it with some re-manufacturing. The noise in it was caused by a broken lightning stub. It was rubbing on the top brass cap. It was fairly easy to disassemble and fix. Dave took the top section home and drilled and tapped it for a new piece. I went to Ace hardware and got some brass screws and nuts to fix it and replaced the UHF connector with an N female. The rest of the "guts" were in really good condition so it should give good service for years to come if need be. We reassembled it, caulked it back up with some good RTV goop and took it back out to KETV. This was Wednesday, the 19<sup>th</sup>.

(Continued on page 13)

I took the connector off the old jumper and it had a nice green copper coat on the shield. It was obvious where the de-sense came from. I cut the few inches off the end for show and tell at the next meeting. After a bit I noticed a puddle on the floor under the cut end of the cable. It still had water in it. See pic.



. It is a bit out of focus but the patina is quite obvious. Green copper doesn't conduct too well. This was the main source of the noise that developed after the new antenna was installed. There was still water in the old jumper since I saw a puddle on my basement floor after I cut this piece off. There is a new jumper up there now thanks to KETVs donating it.

Once there I asked the tower crew if they could swap antennas while they were still here. He said "be here at 8 tomorrow morning". I was. They swapped it out around 9 AM and I took some more readings on the line. The return loss went from -8.2dB to -37 dB at about 143 MHz. and about -25 dB at 94. It is still a good antenna. That's what is up there now since Thursday morning (20<sup>th</sup>). I also looked at return loss from 100-500 MHz. The 440 antenna looks really good

I talked to Telwave and got a RA#. Dave took the new antenna out to Steve's work where he will ship it back to CA under warrantee. There is a possibility the failure was due to lightning since Warren had to fix some damage to some of his tower strobes too. We'll see.

94 is working really well now. The old antenna is in good shape after the fix. It's working so well that the Swig-net ran over an hour and a half with the only noise being a distant station with not enough power.

Don't forget to ID if you kerchunk it to see if it's working. It's the legal thing to do (required).

**Ak-Sar-Ben Amateur Radio Club, Inc**  
**P.O. Box 24551**  
**Omaha, NE 68124-0551**  
 KØUSA 146.940(-)/224.940  
 Web Page: <http://www.aksarbenarc.org>  
 E-Mail: [k0usa@aksarbenarc.org](mailto:k0usa@aksarbenarc.org)



## 2017 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?  Yes  No  
 Phone: \_\_\_\_\_ Occupation: \_\_\_\_\_ Ham Hum Delivery  Mail  eMail  Both

### Spouse Information *(Complete Only For Spouse Applying at Same Time)*

Callsign \_\_\_\_\_ License Class \_\_\_\_\_ Name : \_\_\_\_\_  
 Email address: \_\_\_\_\_ Occupation: \_\_\_\_\_ ARRL Member  Yes  No

### Minor Dependent *(Complete Only For Minors Applying at the Same Time)*

Callsign	License Class	Name	ARRL Member?
_____	_____	_____	<input type="radio"/> Yes <input type="radio"/> No
_____	_____	_____	<input type="radio"/> Yes <input type="radio"/> No

### \*\*\*\*\*OFFICIAL 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**

# 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, 2016

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 9, 2016, and at any adjournment thereof. The undersigned hereby instructs said attorney to vote:

For the election of new directors and officers of the corporation, and  
Upon any other business which may properly be brought before the meeting of any adjournments thereof.

Member Signature: \_\_\_\_\_

Date: \_\_\_\_\_, 2016

# 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.

### ***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 WEØBEP (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/>