

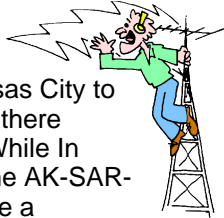
HAM HUM

Volume LIV, Issue 4

April 2004

The Prez Sez

It has been a busy month for me and my family. We took a short trip to Kansas City to visit family and Cabela's, unfortunately there wasn't enough to go radio shopping. While In Kansas City, I realized how fortunate the AK-SAR-BEN Amateur Radio Club inc. is to have a consistent meeting place. While many clubs are changing venues every month, we enjoy being able to use the same facility for every meeting. A big thank you is due to the Heartland Chapter of the American Red Cross for their support of the AK-SAR-BEN Amateur Radio Club inc.



The bylaws committee should begin meeting before too much longer. I have already received some suggestions for changes, but I am open to more. Some of the things that are being considered are making the bylaws more difficult to change, so the membership can make a informed decision rather than a hasty, uninformed decision. Provide for several new standing committees such as budget, HF DX & Contest, and audit. Require a annual audit of the books with a report of the results to the membership. Require the budget and financial statement be published annually. Recognize the online version of the newsletter as equivalent of the mailed version. Acknowledge the e-mail reflectors and allow for rules to be made for these lists. Establish requirements of office for the officers of the club. There are other items to be added or changed, but I cant recall all of those right now. If all goes as planned, the changes will be presented to the membership in July or August to be voted on in September or October.

As a final note, think Field Day.

73
Steve Schmitz
NØUP

Veep Speeks

Change, change, change. It's all around us. Everyone wants us to change. My kids want my change (Dad, can I have your change?). Can I have change for a dollar? It's been said many times that the only thing that remains the same *is* change.

As I write this, the ARRL is considering changes to the Amateur Radio license classes. Many have offered their opinion regarding how they feel the ARRL could service the Ham Radio community. Some would like to see the Morse Code requirement eliminated, while others think 5 words per minute is not nearly fast enough. There are those who fear the thought of former Technician Class operators being converted to General Class without additional training and testing. I can't tell you for sure where the ARRL will land on these issues, but I can tell you ... things are gonna change.

BPL is also bound to bring change. Whether it ever succeeds as a viable service, or not, the technology is now out there, and we are forever changed. Some of us will write to our law makers. Some will change their operating practices, and still others will dig their heels in. BPL, whether you like it or not, has already changed the Ham community.

Some events cause more change than others. For example, changing the oil in your car may result in you changing your clothes. Even though that's two changes back-to-back, that's not as much change as say ... adding a new harmonic! This often brings lots of change including schedules and budgets. On April 2, Kurt Kettelson (KC0HMI) and his wife were changed, with the birth of their son Nathanael. Nathanael arrived at 7:40 p.m., weighing 7 lbs, 8oz., and 20¾ inches tall. We'd all like to congratulate the Kettelson's on Nathanael's arrival.

Filling in for your Vice President,
Mitch Miller, KCOMXV

Oh yeah, there is one more thing ... diapers. Kurt, don't forget, those also need regular change!

ARES Happenings



The next all ARES meeting will be April 18th, at 1:00 p.m. At the Heartland Chapter of the American Red Cross (82nd and Spring Streets) Training topic will be on SKYWARN net procedures. You have learned what to look for, now learn how to efficiently and accurately report to the information to the net control. Browse on over to www.qsl.net/dc cares for all the latest from Douglas County ARES.

Next Meeting Information

April 9th, 2004, 7:30 p.m.
Red Cross at 82nd & Spring Streets.

This month's program will be presented by Gerry Gross (WA6POZ). Gerry will be presenting giving a slide-show tour of his DXpedition to Jordan.

Official Record

Minutes of the Board of Trustees Meeting Ak-Sar-Ben Amateur Radio Club, Inc. March '04

The Ak-Sar-Ben ARC Board of Trustees met on March 2, 2004 at the Red Cross Emergency Services building, 80th Avenue and Spring Streets, in Omaha, Nebraska. President Steve Schmitz, N0UP, called the meeting to order at 7:06 p.m.

Roll Call of Officers and Board Members

Present: President Steve Schmitz, N0UP; Vice President Kurt Kettelson, KC0HMI; Secretary Ken Noel, AJ0A; and Board Members Kevin Hill, KA0VNY; Bill McCollum, KE0XQ; Geri Norris, N5RIG; Steven Wisnieski, KC0LOD; and Marvin Taylor, AE0EG. Unable to attend: Sam Bellami, KC0NWL; and Jim Westcott, KA0KCV; and Mary Joseph, N0TRK.

Visitors Present

Disaster Preparedness committee chair Bill Newman, K0NSA; and Linda Newman, W0NSA.

President's Report

Steve, N0UP handed out the February 2004 Board and Club meeting minutes, 2003 financial statement and revised 2004 budget to be reviewed and voted on tonight.

Vice President's Report

The program for the March Club meeting will be on the ARRL Official Observer Program. This will be presented prior to the business meeting by the Senior OO for the Omaha Metro Area, Dick Newsome W0HXL. Kurt may not be available for the April and/or May Board and Club meetings due an "expectant" event for Kurt and his wife.

Secretary's Report

Minutes of the February 2004 Board Meeting were presented. No additions or corrections were noted. Marvin, AE0EG moved to accept the minutes as presented and Bill, KE0XQ seconded. No discussion. Motion carried.

Treasurer's Report

Treasurer's report for February 2004 was presented. The following balances were reported:

- ? Total Assets of \$30,002.37 were comprised of the checking account \$1,436.01; repeater account \$252.26; savings account \$4,588.49; life membership CD \$13,827.97; and club property \$9,897.64.
- ? Total Liabilities of \$20.00 were comprised of two free memberships.
- ? Equity \$29,982.37.
- ? Total Liabilities and Equity \$30,002.37.
- ? Income \$485.41; Expenses \$63.00; Net Income \$422.41.
- ? Cash donations year-to-date of \$492.93.

Repeater funds are held in a savings account that was set-up exclusively for that purpose. But with today's low interest rate environment and relatively small average balance, a savings account offers no real advantage. Steve, N0UP proposed closing the Repeater Savings Account and transferring the funds to a new Repeater Checking Account thereby making the funds available by check (instead of transferring from savings to checking). General consensus of the Board was to proceed.

Standing Committee Reports

The following committees had reports:

Repeater 146.940 K0USA: The Board revisited the tone requirement for accessing the Maple Street (main) site. No tone is currently required and interference has been minimal. However, it was noted that a high RF and power line noise floor at this site makes the repeater essentially deaf to all but the strongest of stations. Also contributing to the deafness, the repeater is connected via a line splitter to a spare (public safety) antenna that is tuned well outside the 2M band. This is a definite (safety) concern especially as we enter the severe weather season, not to mention a reliability factor for various operating events and emergency preparedness exercises and drills that use the repeater. Eventually this will be the backup site when the main repeater moves to its new home at the 650' level at KETV Crown Point later this year.

Disaster Preparedness K0NSA: Central Plains Severe Weather Symposium in Lincoln March 20. Midlands ARES Skywarn Spotter training March 21. OMMRS radio operator training March 27. Douglas and Sarpy county siren tests April 3. USCG Boater Safety Training in preparation for the Lewis & Clark re-enactment (date TBA). Contact Bill, K0NSA or your county ARES EC for more information.

Public Relations: Linda W0NSA reported that Younkers may limit future participants in the fund raising event the Company sponsors. The Club already has a foot in the door and should be ok.

As a gesture of goodwill and support, Ken, AJ0A recommends the Club send a letter of thanks to those agencies, companies and organizations that support the Club/Disaster Preparedness/ARES and vice versa; e.g. Red Cross, Douglas County EMA & 911, National Weather Service, KPTM, KETV, Younkers, ATS and Mobile Communications.

Old Club Business

Reviewed revised Club budget for 2004. Marvin, AE0EG moved to approve the revised budget as presented and Geri, N5RIG seconded. Discussion. Motion carried.

New Club Business: None.

Adjourn

Geri, N5RIG moved to adjourn and Steven, KC0LOD seconded. Motion carried.

Respectfully submitted by Ken Noel, AJ0A – Secretary

Official Record
Minutes of the Business Meeting
Ak-Sar-Ben Amateur Radio Club, Inc.
March '04

The Ak-Sar-Ben ARC met on March 12, 2004 at the Red Cross Emergency Services building, 80th Avenue and Spring Streets, in Omaha, Nebraska. President Steve Schmitz, N0UP, called the meeting to order at 7:30 p.m. Members and guests recited the Pledge of Allegiance, standard announcements were read, and self-introductions were made. There were 40 members and guests present.

Steve, N0UP recessed the business meeting at 7:35 p.m. for the program that will be presented by Dick Newsome, W0HXL, on the ARRL Official Observer Program (OO). Dick is the Official Observer Coordinator for Nebraska.

The Amateur Auxiliary is composed of approximately 700 ARRL Official Observer volunteer appointees across the US. The program was developed as a result of a formal agreement between the FCC and the ARRL. OO's function as helpers and advisors, not enforcers. They monitor the bands and notify amateurs of technical and operating discrepancies as a service. In cases involving serious rule violations such as malicious interference, however, they are trained and certified to gather and forward evidence that can be used by the FCC in enforcement actions. All OO's must pass a comprehensive examination before they can be certified as members of the Amateur Auxiliary.

There are nine OO's in the State of Nebraska; they are: KBØZZT (Bellevue), WØDED (North Platte), KØNEB (Lincoln), WBØCMC (Omaha), WBØRMO (Fairbury), WBØMWB (Blair), KE6DZD (Bellevue), WØHXL (Omaha) and KEØXQ (Omaha). If you suspect that there are infractions of the FCC rules, please contact one of the Official Observers for assistance. By taking matters into your own hands, you could be doing more harm than good. The job of the Official Observer is to observe and forward his/her findings on to the Official Observer Coordinator and then the OOC will forward them on to the ARRL for their interpretation. If the ARRL is convinced the FCC needs to be contacted, then they will do that. There must be actual evidence gathered, not just hearsay.

Thanks Dick for an interesting and enlightening program.

Coffee and donuts followed. Thanks go out to Emily KCOMNT for bringing the refreshments, members and guests who contributed to the refreshment kitty, and the kitchen crew for cleaning up afterwards.

Business meeting reconvened at 8:30 p.m.

Secretary's Report

Motion to approve the minutes of the February 13, 2004 Club meeting as printed in the February 2004 Ham Hum. Moved by Norm, WA0JYD and seconded by Julie, N0WAV. No discussion. Motion carried.

President's Report

Tone is not required to access the main 146.940 K0USA repeater. Interference was noticed but appears to be coming from one of the satellite sites; therefore, these sites were turned off in an attempt to isolate the source.

The main repeater appears to be nearly deaf due to a high noise floor at the site. This should substantially improve when the repeater moves to the 650' on the to be built KETV tower at Crown Point. The Chief Engineer for KETV has indicated that KETV may be willing to donate tower and facility space for the Club's repeater(s). KETV and/or their tower crew would likely donate the cost of installing antenna(s), feedline, etc.. The Club's cost, estimated at \$1,700 to \$2,000, will mainly be for antenna mounts and hardware. Donations to the repeater relocation project are sincerely appreciated and may be tax deductible.

At last count there are 203 Club members.

Vice President's Report

None. Kurt, KC0HMI had to leave early because his mother was visiting from out of town.

Treasurer's Report

A 2003 financial statement and 2004 budget was printed in the March 2004 Ham Hum.

The February 2004 Treasurers report was prepared by Mary N0TRK and read by Ken AJ0A. The following balances were reported: Total Assets of \$30,002.37 were comprised of the checking account \$1,436.01; repeater account \$252.26; savings account \$4,588.49; life membership CD \$13,827.97; and club property \$9,897.64. Total Liabilities of \$20.00 were comprised of two free memberships. Equity \$29,982.37. Total Liabilities and Equity \$30,002.37. Income \$485.41; Expenses \$63.00; Net Income \$422.41. Cash donations year-to-date of \$492.93. Details available up front.

Leo, W9ZEC questioned an \$85.49 bank charge that occurred in 2003. Steve N0UP explained this was an account maintenance and overdraft charge. The overdraft resulted when a transfer from savings to checking was not made before some checks cleared. The original charge was around \$100. This occurred about the same time the 2003 Treasurer stepped down. The Bank refunded some but not all of the maintenance charge.

Discussion on 2003 financial results.

The general membership had requested a financial audit of the Club books. Ken, AJ0A is conducting a review of the Club's 2003 financial statement.

Standing Committee Reports

Disaster Preparedness: Ken, AJ0A reported on the following. Central Plains Severe Weather Symposium in Lincoln March 20. Midlands ARES Skywarn Spotter training March 21. OMMRS radio operator training March 27. Douglas and Sarpy county siren tests April 3. USCG Boater Safety Training in preparation for the Lewis & Clark re-enactment April 10. Midlands ARES Skywarn Net

Training April 18. Contact Bill, K0NSA or your county ARES EC for more information.

Education: Kevin Hill, KA0VNY will be teaching Technician classes starting April 15th at 6:00p.m. Class will be done around 8:00 p.m. each week, and continue for eight consecutive Thursday evenings (except for the 3rd week, which will be on a Wednesday). These classes will be at Interstate Electric Supply Co. in Omaha. There is no cost for the class. The book is only \$19.95. Please signup soon so Kevin can order more books if needed. The book being used is the ARRL Now Your Talking. Contact Kevin at ka0vny@arrl.net or 510-5014 with questions or to register.

END OF STANDING COMMITTEE REPORTS

New Members

None.

Old Club Business

None.

New Club Business

Discussion on the 2004. The Operating Budget is \$209.50 in the black. Capital Expenditures of \$1,700 were projected for the move of the 146.940 K0USA repeater to the KETV Crown Point site.

Dan, N0POT made a motion to print the following in Ham Hum: Do you want the 146.940 K0USA repeater to move to KETV's Crown Point tower site? This question to be published in the April and May 2004 Ham Hums, then discussed and voted on at the June 2004 general membership meeting. Second by Bill, KA0VXK. Amended by Dan, N0POT to include the estimated cost of moving the repeater to KETV which is in the \$1,700 to \$2,000 range. Second by Bill, KA0VXK.

Discussion. Bill, KA0VXK called the question.

Motion as amended carried.

Adjourn

Motion to adjourn. Moved by Bill, KA0VXK and seconded by John, WB0CMC. Motion carried.

Respectfully submitted by Ken Noel, AJ0A, Secretary

Silent Key

I am saddened to inform the club that long time member WA0UKE, Dave Bowder has become a silent key. Dave was always a joy to be around. He had a great sense of humor and was always ready to help when it was needed. We will miss you, Dave!

- Mary N0TRK Membership Secretary

Repeater Committee Report

The Repeater Committee would like to thank all of the club members, and those who aren't, who reported on the 146.940 receive problem. This problem became apparent after the voter was disabled due to interference. The interference was most likely getting in on the UHF side of the system and was difficult to track. The source was not found before it disappeared. The voter was re-enabled on March 21 around 4:00 PM.

The Repeater was visited on March 27 by John, WB0CMC and Steve, N0UP. The noise floor was checked on a wet day and the receive sensitivity was also checked. The Repeater (club owned Icom) had a receive sensitivity of .3 microvolts (threshold using a Cushman CE-5). Upon returning to the bench, the county owned Icom was checked using the same test equipment, the sensitivity was measured at .1 microvolts, about a 10 dB difference. There wasn't enough time available to swap the repeaters, this will be done at a later date. The connecting cables will also be checked at that time.

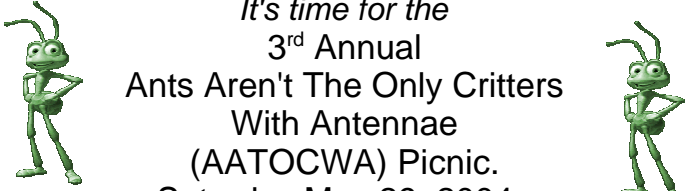
The Club Icom is currently in service, the repeater, duplexer and cables will be swapped as soon as we can get out to do it. This probably won't happen until after the April club meeting. This should help with the receive sensitivity problem.

It has been suggested that both repeaters and duplexers be sent out for a independent evaluation to determine their true condition and state of tune. This will be done over the next few weeks possibly followed by a site evaluation.

PL note- The PL decode has been disabled on the remaining two receivers. The system no longer requires a PL tone for access. Very little interference has been noted on the VHF side of the system. Since the PL was removed from the remote sites, the phantom missing audio has been almost eliminated.

Steve Schmitz
N0UP
Repeater Committee member

It's time for the
3rd Annual
Ants Aren't The Only Critters
With Antennae
(AATOCWA) Picnic.
Saturday May 29, 2004,
Mahoney State Park.



Set up will be at 9:00 a.m. We will begin serving at 11:00 a.m.. Cost is \$4.00 per person, plus an additional food item (ex: salad, dessert). Meat, buns and condiments will be furnished.

WANTED:

Part of the fun of any hobby and being a part of an organization is participation. There is always something that someone can do, no matter how busy that someone is. Take the time to get involved in the club by helping out with one of the following jobs.

Door Prize Wrangler: Involves procuring amateur radio related door prizes for monthly meetings, including the December meeting.

Don't wait for someone else to do it! Get involved and make a difference! Contact Steve NØUP at n0up@arrl.net or call him at 402-597 – 8666.

Upcoming Events

Apr 24 1700Z - Nebraska QSO Party

Apr 15 1800-2000 – Technician Class Training
Interstate Electric, 144th & Industrial
Contact Kevin Hill for additional information.
(402) 916-9272 or ka0vny@arrl.net

Apr 18 1300 – All Area ARES Training
Red Cross, 82nd & Spring Streets
www.qsl.net/dcares

Saturday, May 1, 2004 —The Bellevue Amateur Radio Club Amateur Radio theory training class. Contact n5sez@arrl.net

May 14 – 16 – Dayton Hamvention
www.hamvention.org



**Do you want the 146.940
K0USA repeater to move to
KETV's New Crown Point
tower site?**



The Ak-Sar-Ben Amateur Radio Club may have the opportunity to locate our antenna about 650' in the air on KETV's new tower. It is anticipated that this move could give handheld radios access throughout the local area, and would greatly extend access to more powerful radios.

This question will discussed and voted on at the June 2004 general membership meeting.

Thank You!

A great big thank you to all who helped with this year's annual siren tests. With your help, we were able to verify the functionality of over 100 sirens in the area. Thanks Mary (NØTRK) for running a well organized and very efficient net.

AB0NN	AE0EG	AJ0A	K0AWB
KOCTU	K0MXL	K0OMA	K0SRK
KA0MMM	KA0O	KA0VNY	KB0FSI
KC0HLB	KB0THC	KC0KKF	KC0KXR
KC0LOD	KC0MXV	KC0MXX	KC0OYT
KC0QYJ	KD7GSW	KE0XQ	KE6IGA
N0WZV	N0XBJ	N6KVA	WX0L
N0UP	N0TRK	KA0KCV	K0MIB



ARRL Member?



Are you an ARRL Member? The ARRL needs all the help we can give them right now. While I do not agree with them in all matters, they are the most effective voice we have with the FCC and with Congress. The ARRL has been instrumental in keeping current frequencies and getting new ones. And with BPL coming along, they are continually putting our interests in the minds of the elected ones in Washington, DC. So see Mary, NØTRK, and join the ARRL. The AARC is as an ARRL affiliated club, gets to keep part of the membership fees.



THE XYL OF IT

By Rosalind Wilkerson

When he courted me,
For the most part,
He lovingly called
Me Sweetheart.

Then came marriage
And I'd hear
And enduring patience
As he called me dear.

Along came the children
And often as not,
"Papa" would call me
"Mama" quite a lot.

All these names I've
Taken in stride
And accepted them with
An amount of pride.

Comes our golden age
And what do I hear?
Nothing sentimental
Cute or dear.

But initials, and please
Tell me how in the H---
Can I accept being
Called an XYL!!!



The missing Q signals

John Queen, KAØSEY & Mike Colyar, K7ITL

Some Q signals have never made it to the ARRL's official list. Here are some that may agree would be useful in appropriate situations. As with regular !Q signals, each can be a statement or a question, depending on whether a question mark follows it.

- QLF** I am sending with my left foot.
- QLF?** Are you sending with your left foot?
- QRC** Warning, rag chewer on frequency.
- QRC?** Are you a rag chewer?
- QOK** Your last transmission was Okie Dokie.
- QOK?** Was my last transmission OK?
- QFH** This frequency is MINE! - go elsewhere.
- QFH?** Is this frequency hogged?
- QBS** It's getting deep in here.
- QBS?** Did I tell you about the one that got away?
- QZZ** I fell asleep at the mike.
- QZZ?** Is that a 60Hz hum, or are you snoring?
- QBA** My antenna is BIG!
- QBA?** How big is your antenna?
- QHI** I am jumping in quick to say hi, then going QRT.
- QHI?** Are you leaving after only one transmission?
- QBO** Don't sit next to that guy in the meeting.
- QBO?** Buddy, can you spare some soap?
- QNO** I am sending through a non-standard orifice.
- QNO?** Are you sending through a non-standard orifice?
- QCW** I am going to whistle Morse Code on FM (or SSB)
- QCW?** Why are you whistling Morse?
- QET** Phone home.
- QET?** Has anyone called me from another planet?

- Olympia Amateur Radio Society, "Watts News"

2004 Club Officials

President (2004)	Steve Schmitz NØUP	402-597-8666
Vice President (2004)	Kurt Kettleson KCØHMI	402-676-7571
Secretary (2004-2005)	Ken Noel AJØA	402-592-2338
Treasurer (2004-2005)	Mary Joseph NØTRK	402-492-9156
2004-2005 Board	Kevin Hill KAØVNY	
2004 2005 Board	Sam Bellami	
2003-2004 Board	Bill McCollum KEØXQ	402-734- 3316
2003-2004 Board	Geri Norris N5RIG	402-721-1592
2003-2004 Board	Steven Wisnieski KCØLOD	
2003-2004 Board	Marvin Taylor AEØEG	
Past President	Jim Westcott KAØKCV	402-397-2306

Club Contacts & Committee Chairs

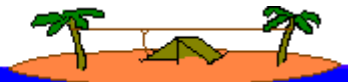
Badges/Clothing	Darrel Swenson KØAWB	402-330-3010	k0awb@arrl.net
Club Callsign Trustee	Bill Newman KØNSA	402-498-0077	k0nsa@arrl.net
Courtesy Committee	Diane Edwards KCØDXI	402-496-3415	kc0dxi@qsl.net
Door Prizes	Open		
Education	Kevin Hill KAØVNY		ka0vny@arrl.net
Exams/Vol. Council	Brian Zdan KMØY	402-553-2610	bzdan@novia.net
Field Day Coordinator	Steve Schmitz NØUP	402-597-8666	n0up@arrl.net
HF Contest & DX	Todd LeMense KKØDX		kk0dx@lemense.com
Membership/Web	Mary Joseph NØTRK	402-492-9156	n0trk@qsl.net
Newletter Editor	Mitch Miller KCØMXV	402-681-1964	kc0mxv@arrl.net
Publications	Open		
Public Relations	Barb Westcott KCØHLB	402-397-2306	kc0h1b@arrl.net
Special Events Coordinator	Pat Joseph KØCTU	402 492-9156	k0ctu@arrl.net

Repeater Committee & Authorized Control Operators

Chairman/Chief Eng	John Gebuhr WBØCMC	402-932-3443	wb0cmc@radiks.net
Control Op/ Engineer	Steve Schmidt NØUP	402-597-8666	n0up@arrl.net
Control Op/Engineer	Jamie Saker WØJRS	402-933-1521	w0jrs@arrl.net
Control Op/Callsign Trustee	Bill Newman KØNSA	402-498-0077	k0nsa@arrl.net
Control Operator	Mary Joseph NØTRK	402-492-9156	n0trk@qsl.net
Control Operator	Ken NoelAJØA	402-592-2338	aj0a@arrl.net

Area ARRL Appointees

Midwest Director	Wade Walstrom WØEJ	N/A	w0ej@arrl.org
Midwest Vice-Director	Bruce Frahm KØBJ	N/A	k0bj@arrl.org
Asst. Midwest Director	Todd LeMense KKØDX	402-397-7465	kk0dx@arrl.net
NE Section Manager	Bill McCollum KEØXQ	402-734-3316	ke0xq@arrl.org
Section Emer Coordinator	Reynolds Davis KØGND	N/ A	k0gnd@arrl.net
District Emer Coordinator	Jim Sanford NØAIH	402-238-3271	jim.sanford@nngco.com
EC Douglas County	Jim Westcott KAØKCV	402-397-2306	ka0kcv@arrl.net
EC Sarpy County	Doug Eubanks KAØO	402-291-1968	ka0o@arrl.net
EC Washington County Ray	Polley KØJDB	402-456-7852	polley@gpcom.net
EC Pottawattamie County	Terry Lindsley KSØL	402-325-0107	ks0l@arrl.net
Official Observer	George Bellairs KBØZZT	402-291-0960	kb0zzt@arrl.net
Net Manager	Doug Eubanks KAØO	402-291-1968	ka0o@arrl.net





The Ak-Sar-Ben Amateur Radio Club, Inc.

Affiliated with the American Radio Relay League since its founding in 1945, the Ak-Sar-Ben Amateur Radio Club of Omaha, Nebraska is a general interest amateur radio club with over 300 "radio-active" members.

Our members are involved in virtually every aspect of amateur radio from electronic circuit design to worldwide communication via voice and Morse code, satellite and space station communications, meteor scatter, computer assisted digital modes, amateur television, and even severe storm spotting for the National Weather Service.



We make a special effort to provide public service communications support for events such as parades, charity fund raisers, emergency preparedness drills, and disaster relief operations.

The club offers amateur radio classes to the public for those who wish to obtain an amateur radio license or upgrade their license privileges. For more information contact us via email at k0usa@qsl.net. If you have a scanner you can listen to the club's main wide area repeater at 146.940 Megahertz.

We're on the web at
<http://www.aksarbenarc.org>