



HAM HUM



Volume LIII, Issue 7

July 2003

Special Points of Interest:

- Field Day Highlights
- Broadband Over Powerline
- Disaster Preparedness Update
- Fleaesta tables order form
- Next Club Meeting - July 11 — 730pm Red Cross

Inside this issue:

<i>Club Info</i>	2
<i>Prez Sez</i>	3
<i>Veep Speaks</i>	4
<i>Official Record</i>	10-11
<i>Area Activities</i>	12
<i>Classifieds</i>	13
<i>Activity Calendar</i>	14

Club Chooses Electronic HUM

Of the 80 members that responded to the HAM HUM delivery method poll, the majority preferred viewing their HUM on-line vs. delivery via regular mail. So, effective with the next issue (September) the club newsletter will be published on-line and only mailed to those without Internet access. If you do not have the ability to view the HAM HUM on the Internet, contact a club officer or board member, or fill out the form on Page 15, to request a paper copy of the HAM HUM. Have a great summer and we'll see you in a couple months...73 de WØNSA

Field Day 2003



Field Day 2003 was held at Standing Bear Lake. We had our obligatory rain shower and hot weather, but it cooled off at night and combined with the Lake breeze, it was good sleeping weather. Not that anyone got much rest! This year, President Jim Westcott, KAØKCV, led a pilgrimage to Lincoln to have a proclamation signed by the Governor, proclaiming that week Amateur Radio Week!



HAM HUM is the official newsletter of the AK-SARBEN Amateur Radio Club, Inc. in Omaha, Nebraska. It is printed monthly and is distributed to members of the club, local disaster officials, local electronics outlets, and editors of other ham radio newsletters.

Articles about activities of members are solicited. The subject matter must be of general interest to radio amateurs and be understandable to a significant portion of the membership. No payment will be made to contributors and submissions will be subject to the usual editorial review. Articles containing statements that could be construed as libel or slander will not be accepted. No guarantee can be made that an accepted article will be published by a certain date. Send your contributions to Ham Hum, P.O. Box 540304, Omaha, NE 68154 or email to Linda Newman at w0nsa@arrl.net. Please contact the editor for permission to reprint anything appearing in the Ham Hum.

Club Officers & Board Members

President (2003)	Jim Westcott	KAØKCV	402-397-2306	ka0kcv@arrl.net
Vice President (2003)	Dick Jones	N6KVA	402-593-1950	n6kva@arrl.net
Secretary (2002 - 2003 Board)	Bob Boetcher	NEØCQ	402-393-6263	ne0cq@arrl.net
Treasurer (2002 - 2003 Board)	Wayne Joyner	KØBWJ	402-491-0086	k0bwj@arrl.net
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2002 - 2003 Board	OPEN			
2002 - 2003 Board	Dave Rice	NØJSB	402-571-8915	davegr@netzero.net
2003 - 2004 Board	Bill McCollum	KEØXQ	402-734-3316	ke0xq@arrl.org
2003 - 2004 Board	Geri Norris	N5RIG	402-721-1592	n5rig@arrl.net
2003 - 2004 Board	Kurt Kettelson	KCØHMI	402-676-7571	kc0hmi@arrl.net
2003 - 2004 Board	Steve Schmitz	NØUP	402-597-8666	n0up@arrl.net



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	Sheri Joyner	KCØHFT	402-491-0086	kc0hft@arrl.net
Education	Dick Newsome	WØHXL	402-451-1202	w0hxl@cox.net
Exams/Vol. Council	Brian Zdan	KMØY	402-553-2610	bzdan@novia.net
Field Day Coordinator	Ed Edwards	KØIL	402-496-3415	k0il@arrl.net
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Publications	Linda Newman	WØNSA	402-498-0077	w0nsa@arrl.net
Public Relations	Barb Westcott	KCØHLB	402-397-2306	kc0hlb@arrl.net
Special Events Coordinator	Pat Joseph	NØHPP	402-492-9156	n0hpp@arrl.net



Repeater Committee & Authorized Control Operators

Chairman/Chief Eng	John Gebuhr	WBØCMC	402-932-3443	w0cmc@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 Noel	AJØA	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	Bill Newman	KØNSA	402-498-0077	k0nsa@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



Field Day 2003



Tower assembly was taking place Friday night out at Standing Bear Lake.



The 15 Meter Shack was setup outside this year.



This years traffic handling was done by Linda, WØNSA.



Rick, AAØH, was this years volunteer tower climber and put up the lights for night time illumination.

Prez Sez



June 21st - - the longest day of the year . . . followed by the 4th of July, our nations birthday. I guess that this all means that summer has arrived. I hope that you will all have a fun and safe summer. Get some sun, but not too much! Picnic with all the 'dogs' 'burgers' and 'fixins', but not too much! Spend some time on the air, and in this category is there too much ??? I think not!

Field day has come and gone. A special thanks for all that came out and participated, but most especially to those who came out and assisted with the 'set-up' and 'tear down' of the antennas and towers for the success of field day would not have been possible with out you. As far as field day goes I have some sad news to report. Our first rate staff of volunteers will be short two for next year. Eddie

(KOIL) Edwards is stepping down as chairman and Julie (NOWAV) Leighton will not be head chef of the cook shack. A special thanks to them for the many hours that were put in on this event, and in field day's of years past. Stay safe, have fun, and get on the air!

73's, Jim Westcott ka0kcv
thanks Frank

Broadband Over Power Line

NEWINGTON, CT, Apr 30, 2003--The FCC has released its *Notice of Inquiry (NOI)* on the deployment of "Broadband over Power Line" (BPL) technology and now is accepting comments. A form of carrier-current communication better known as power line carrier (PLC), the technology has raised concerns of substantial interference to the Amateur Radio HF bands. BPL would couple high-frequency RF to parts of the power grid and use existing power lines as the transmission medium to deliver broadband and Internet access.

In the *NOI* the FCC acknowledges the interference risk from BPL. "The multiple-carrier transmission nature of the new high-speed BPL technology could pose increased risk of harmful interference, and thus new BPL devices may need a higher degree of oversight to ensure that authorized users are not subject to interference," the FCC said. The new so-called "access BPL" and "in-home BPL" devices operate on multiple carriers spread over a wide spectrum, which could be as much as from 2 MHz up to 80 MHz. Data throughput for access BPL is claimed to be comparable to DSL (digital subscriber line) or cable modem technology.

The major interference threat to amateurs comes from access BPL, because its signals are not confined within a building but can radiate from outside power **lines-- possibly for great distances.**

More Information on BPL/PLC and Ham Radio

The ARRL Lab has prepared a comprehensive information page, "Power Line Communications (PLC) and Amateur Radio," on the ARRL Web site. The Web site contains files and links of information about PLC and related broadband technologies and how they may adversely affect Amateur Radio and other HF radio operation. For more information see <http://www.arrl.org/tis/info/HTML/plc/>.

From the ARRL Website, www.arrl.org

Veep Speaks



By the time you read this, Field Day will have come and gone. To be honest, Omaha is the only place I have lived as an active ham, that I have attended this event. I was not club involved when I lived in Phoenix, and too busy career building when I lived in San Diego. Regardless of this late start, it is very hard for me to imagine a more beautiful place to be on the last weekend in June than Standing Bear Lake. I lived in Phoenix so long that the desert around there gives me that warm “at home” feeling any time of year, but in June it is just too hot for outdoor comfort. The weather in San Diego is hard to flaw in June, usually overcast near the coast and cool but it is still a desert and the rains ended in March. Wildfire danger adds another level to using generators and shade is at a premium. We have Standing Bear Lake, a green tree covered hilltop surrounded on three sides by water. Yes, there can be bugs, and the weather can change faster than I can change my mind, but the shade makes up for a lot, and green as far as you can see. I was a bit reluctant to get on the air last year and have regretted it. I hope many of you found the weather fair enough to come to Field Day to share our hobby with the drop-ins at the PR shack.

73 de Dick Jones N6KVA

A Hunting We Will Go...



The program for June was on “fox hunting” and presented by Matt Hodges, KØTEA, from the Lincoln Amateur Radio Club.

Some sites with interesting information on hunting can be found at:

<http://www.qarc.on.ca/foxfhunt.htm>

<http://www.nobarc.org/hounds/>

<http://webhome.idirect.com/~griffith/rdf.htm>

<http://www.rac.ca/ardf.htm>

<http://members.aol.com/homingin/>

<http://home.att.net/~wb8wfk/>

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

Field Day 2003



The 20 Meter Shack captain this year was Brian, NØZX.



NØPOT and NØWAV "man" the cook shack.



Neil, KBØQZV, works 15 Meter contacts



K9RZ and ABØFX take a break from 20 CW.

The shacks, the operators, the strange looking antennas, the QSO's, the good eats, the gentle hum of the generators, an occasional slap at a



Above, NØUP, and below, NØTRK, work 40 Meters



Eddie, KØIL on 20 CW and Pat, KØCTU works 15 M.



Field Day 2003



A special guest was supplied by Wayne, KØBJJ and Sherri, KCØHFT.



Contacts continued to pile up on Sunday morning, right up to teardown.



PR was kept busy with visitors and operators trying the clubs rig.



Pat, KØCTU and Gary, KBØKYM enjoying Saturdays cooler wx.



A Douglas County deputy visits the llama.

biting fly, the dits from 20CW, the QSL? from 40 and 15, the patrols by the local constabulary, the proclamation visit by a local government official, the TV crews, the llama.... The llama?!...right, we even had a visitor that I'll bet no other Field Day crew can say they had... We had a llama! Once



Steve, NØUP does some work on the trailer.

again, it was fun for all. Thanks from the club to all of the hard working volunteers that make this event happen each year. Without you there would not be a Field Day at all!

Ham in Training for Emergencies

Licensed amateur radio user Ernie Johnson puts his hobby to good use.

Johnson has been intrigued by amateur radio since the 1950s but never found time to dabble with the dial when he had young children and was teaching. In 1995, after he retired and moved to Oregon, his wife, Claire, pointed out an amateur radio licensing class offered at Portland Community College's Rock Creek Campus.

Amateur radio enthusiasts -- or hams -- use two-way radio stations to communicate with people around the block or around the globe. Some, like Johnson, speak to each other over the radio waves. Others, including his wife, prefer using Morse code. Ham it up: With his radio license in hand, Johnson began surfing frequencies reserved for amateur radio. He soon became interested in using his skills to help people at large public events such as charity races, parades and festivals. There, hams keep organizers and police updated on what's going on, from stalled floats to injured bystanders. Johnson and his wife regularly help the Hood to Coast run, manning a stretch of the relay -- where runners, some in shape and some truly struggling, cruise down Mount Hood on their way to the finish line in Seaside.

"Generally, events are held in areas where there is cell phone coverage, but not the Hood to Coast," Johnson said of the race that snakes through the Coast Range. "Our practice is to be prepared when cell phones overload or fail."

Unlike many retirees who are entertained with thoughts of golf, gardens or model trains, Johnson often ponders possible terrorist attacks.

"People don't really envision what might happen or how easily something could happen," he said. "How easy it would be for people to drive loaded trucks under bridges and blow them up, basically cutting off all the bridges in Portland." Roger that: Johnson recently joined Washington County Amateur Radio Emergency Services, which pairs local governments and agencies with hams. Similar groups helped officials in New York after the Sept. 11 terrorist attacks and assisted with recovery efforts after the Columbia space shuttle explosion. The American Radio Relay League estimates there are more than 800,000 hams in the United States.

"We can be the eyes. We can report things," Johnson said. "We can be organized fairly quickly into a group that will provide pretty good information about what is happening."

Radios, although not considered particularly high-tech, now can send written messages and images. When computers with Internet are offline because phone lines are down, radios can still get the signal. That means hams can send pictures of damage to officials long before they could get to the scene.

Johnson's group is working to let agencies across the county, including schools, hospitals and fire departments, know how much help hams could be in times of disaster. To prepare, he and his group train. One training reacted to a deadly windstorm, another to the attack of a computer virus. A recent training involved a flood.

Local hams are gearing up for a drill April 2, when an imaginary earthquake with a magnitude of 9.2 will occur off the Manzanita coast. Scheduled for 10 a.m., the quake is supposed to send large tsunamis down the shoreline and also devastate the Willamette Valley.

"We talk a lot about natural disasters, though I suppose we should talk more about terrorism," Johnson said. "I think about it. I wonder what the rascals will think up next." -- Laura Gunderson

The Oregonian - Beaverton News 3/27/03, submitted by Barb Westcott, KCØHLB

Disaster Preparedness

OMMRS-

Thanks to everyone that attended the OMMRS training program and especially to Terry Lindley (KSØL) and Bob Trent for their work in coordinating the program. As I write this, the second OMMRS training opportunity is scheduled to begin tonight. While this will be the last class scheduled before the annual Offutt emergency exercise, it is by no means your last opportunity to avail yourself of this valuable training opportunity. Keep your ears open for future training announcements.

Offutt Emergency Exercise-

And speaking of the annual Offutt emergency exercise, we're looking for a few good hams to help person equipment at the now numerous radio equipped sites. If you're available the morning of July 16th, and would like to volunteer for this event contact k0nsa@arrl.net or call 402-498-0077. This is a perfect opportunity to practice your emergency communications skills and to become personally familiar with all of the new amateur radio equipment that has been installed in area medical facilities. Note that you do not have to be OMMRS trained to be able to assist us with this drill.

Next ARES Meeting-

The next ARES Training meeting is scheduled for Sunday July 20th at the Omaha Red Cross at 1:30pm. The main topic of discussion will be the upcoming Offutt exercise, review assignments and last minute changes and information. This meeting will be for Douglas, Pottawattamie, and Sarpy County ARES members and anyone else interested in attending - the meeting is open to all.

Thanks for your support of emergency preparedness and your local ARES organization!

73 de Bill - KØNSA



A view of the OMMRS Radios that were installed at Immanuel Hospital.



Bill, KØNSA and Pat, NØHPP do the install.

Official Record

Board Meeting Minutes for June 2003

Minutes of the Board of Trustees Meeting AkSarBen Amateur Radio Club – June 2003

The AkSarBen ARC Board of Trustees met on June 3, 2003 at the Red Cross Building in Omaha. President KAØKCV called the meeting to order at 7:02 p.m. Present were: Jim Westcott, KAØKCV, President; Dick Jones, N6KVA, Vice President; Bob Boetcher, NEØCQ, Secretary & Board Member; Dick Newsome, WØHXL Past President; Board Members: Steve Schmitz, NØUP; and Geri Norris, N5RIG. Others attending were Barb Westcott, KCØHLB; Linda Newman, WØNSA; KØNSA, Bill Newman and KCØLOD Steve Wisnieski.

President's Report: Jim survived Dayton. He noticed the repeater (34/94) is getting more use however, no one has contacted him as to being a trustee for the club repeater. The picnic over Memorial Day weekend was a success, although chilly and misty lots of hamburgers and hot dogs were ate. About 43 people attended the picnic and it has been reserved for next year.

Vice President's Report: Volunteers and ideas needed for upcoming meetings. Please contact Dick if you want to help or have ideas. Upcoming programs are rabbit hunting (June) and IRL P (July).

Secretary's Report: The board minutes for April and May were printed in the Hum and there were no additions or corrections, Bob, NEØCQ made a motion to accept as printed, Geri, N5RIG seconded, voice approval.

Treasurer's Report: No Balance sheet or P/L Statement were presented, however, the Education Committee spent \$448 for books and tapes for the upcoming tech. class and six month income for door prizes was \$120, but a handheld was purchased at Dayton for the December meeting. Contact k0bwj@arrl.net for info. regarding Treasurer's information.

Standing Committee Reports:

Disaster Preparedness: The Offutt Disaster preparedness drill is July 26 and this year the area hospitals will have radios installed, facilitating this drill. Training for emergency communicators (OMRS) at the hospitals is June 21, 10-4:30 and July 8 and 9 from 6-10 p.m. An all ARES meeting (Douglas, Pott., Sarpy and Washington County) will be held July 20 at 1:00 p.m. at the Red Cross, last chance to review instructions for

the Offutt drill.

Education: Dick, WØHXL about 18 people have signed up for the tech. class, meetings are on Tues. nights from 7-10.

Public Relations: Barb, KCØHLB announced the Younkens fund raiser will be November 22.

Publications: Linda, WØNSA noted the *Hum* will be available over the Internet and a notice in the July issue will notify the membership that this will be the last issue mailed, unless you notify Linda. A form will be printed in the Hum for this purpose.

Repeater Committee: Steve, NØUP requested a volunteer to paint a metal cabinet for a repeater and one has been found. Some VHF rcvrs have been acquired for the 34/94 repeater. The ICOM for the downtown location is ready to go, except for the cabinet, which needs wiring and painting.

Technical: N/A

Membership: N/A

Field Day: Field Day setup is Fri. Jun 27th after work at Standing Bear Lake. Help is still needed. Try to keep off the grass as much as possible.

Additional Committee Reports: None

Old Club Business: Dan, KD7GSW is contacting Sarpy County EMA (N2DLY) regarding the Clegg 220 radio. Rather than returning the radio to the club, AKSARBEN ARC would like to donate the radio to SCARES in its current condition. Steve, NØUP would like to have a committee set up to develop a procedural manual for the club officers and board members. An electronic copy of the current President's manual is being located, which may be the base for said new manuals. Volunteers for the procedural committee are being sought.

New Club Business: N/A

Announcements: N/A

Steve, NØUP moved to adjourn at 7:45 p.m., Geri, N5RIG seconded, voice approval.

Bob Boetcher, NEØCQ, Secretary

Official Record

General Meeting Minutes for June 2003

Minutes of the Business Meeting AkSarBen Amateur Radio Club – June 2003

The AkSarBen ARC met on June 13, 2003 at the Red Cross Building in Omaha. Vice President N6KVA called the meeting to order at 7:30 p.m. with the pledge of allegiance and the standard announcements; there were 33 members and visitors present.

The business meeting was suspended at 7:33pm. for the presentation of the club program.

Program: A program on direction finding was presented. The business meeting resumed at 8:40pm.

Secretary's Report: The membership meeting minutes for May were printed in the Hum and there were no additions or corrections, John, WBØCMC made a motion to accept as printed, Linda, WØNSA seconded, voice approval. The minutes for April also needed to be approved and John WBØCMC made a motion to accept the minutes as printed, Marv, AEØEG seconded, voice approval.

President's Report: Jim, KAØKCV was working tonight and couldn't attend the meeting, but thanks to Dick, N6KVA for officiating the meeting.

Vice President's Report: Dick, N6KVA is looking for ideas for upcoming club meetings.

Treasurer's Report: Wayne, KØBWJ presented the YTD Balance sheet, P/L Statements, and club property inventory to the club, all available for viewing by club members. Contact k0bwj@arrl.net for more info.

Standing Committee Reports:

Disaster Preparedness: Bill, KØNSA noted there will be OMRs radio training classes June 21 10 a.m. at Methodist Hospital and another such meeting on July 8th & 9th from 6-10p.m. There will be an Offutt disaster preparedness drill on July 26th and an all ARES meeting on July 20 at 1:30 p.m. at the Red Cross. An article on ARES was printed in the May/June 2003 Omaha Police Department's Community Resource Center Newsletter. The names of the control ops for 34/94 and members of the repeater committee have been listed in the *Ham Hum* on the inside cover.

Education: We are still waiting for the materials for the tech. class, ten people attended the first meeting.

Public Relations: Barb, KCØHLB announced that 43 attended the club picnic over Memorial Day Weekend. Wednesday June 18 at 10:30 a.m., the Governor will

announce that the week of June 15th will be amateur radio week in the State of Nebraska and on Tues. June 14th the mayor will announce that the week of June 15th will be amateur radio week in the City of Omaha.

Government Relations: N/A

Repeater Committee: John, WBØCMC noted that everything is ready for the new repeater at the downtown site, PL and voting capabilities are ready. The equipment needs to be placed in the cabinet.

Publications: N/A Technical: N/A

Membership: Greg Babbitt, KCØQDJ applied for membership into the club, Mitch, KCØMXV made a motion to accept and Leo, W9ZEC second, voice approval; Harry Whalen, KCØPUN applied for membership into the club, Gayland, KCØIPO made a motion to accept and Leo, W9ZEC seconded, voice approval; Dave Miller, KCØPWO applied for membership into the club, John, WBØCMC made a motion to accept and Leo, W9ZEC second, voice approval.

Field Day: Field Day will be held at Standing Bear Lake. Operators are needed for several of the shacks, contact ED, KØIL, if you want to volunteer. KØNSA volunteered for ATV. The park curfew has been waived and approval has been made for pop-up trailers. Please pick up your trash and no alcohol is allowed in the park. Please DO NOT park on the grass. When the club won the ICOM HF rig and mic., a Kenwood mic. cable was sent as opposed to an ICOM cable. KKØDX made a motion to purchase an ICOM mic. cable (\$30) and mic. stand (\$100), all not to exceed \$130; KØNSA seconded, voice approval.

Additional Committee Reports:

VE Testing: N/A Clothing: N/A

Old Club Business: N/A New Club Business: N/A

Announcements: On June 14, 2003 there will be a balloon launch at 7:45a.m. with telemetry broadcast on 144.34. You can look up info. at www.nstar.org. There is an ARRL VHF contest starting at 12 noon on June 16th. Pat, KØCTU thanked everyone who helped at the state track meet and he also noted that on Sept. 13, 2003 the Flea Market will be held at the Sarpy Co. Fair Grounds.

KKØDX moved to adjourn at 9:18 p.m., KØCTU seconded, voice approval.

Bob Boetcher, NEØCQ, Secretary

Area Club Meetings

Day	Club Name	Location
1st Mon	NE City	NE City Fire/Rescue
2nd Tue	BVARC	Courthouse Annex Bldg Logan, IA
2nd Wed	Lincoln ARC	Sheriff's Assn Bldg, State Fairgrounds
2nd Fri	Aksarben ARC	Omaha Red Cross 2912 S. 80th Ave
3rd Mon	Sacmarc	Wendy's Galvin Rd
(Mar,Jun,Sept only/Dec-TBA)		
3rd Thu	Bellevue ARC	Great Western Bank
3rd Fri	HDXA	Backstreets, Omaha
4th Thu	QCWA	Old Country, 76th Dodge
4th Thu	SW Iowa ARC	CB Red Cross, N 16th
4th Fri	Pioneer ARC	Gambino's-Fremont
Last Sat	Plattsmouth ARC	Moms Café
Last Sun	Ashland ARC	Ashland Volunteer Fire Hall, 24th & Silver

DoNets

Day/Time	Talk-in	Location
Tue 08:00	146.82-	Main St Café, CB
Fri 20:00	147.390+	Wendys Galvin Rd
Sat 08:00	146.82-	HyVee, 16th St, CB
Sat 08:00	146.94-	HyVee, 132nd Dodge

DoNets are unofficial, casual gatherings of Hams that occur between meetings. Everyone is invited to join in the fun, food and camaraderie each week at any of the locations listed above.

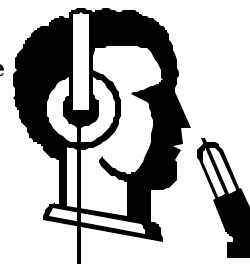
Give a call on the talk-in frequency before the scheduled rendezvous time and have 'em save you a seat!
Please send any changes to w0nsa@arrl.net.



Popular Nets

Day	Time	Frequency	Net	Day	Time	Frequency	Net
S-S	07:30	3.982	NE Morning Net	Thu	20:30	443.450	Plattsmouth ARC
S-S	18:30	3.982	NE Storm Net	Fri	02:00z	434/431.25	ATV Net
M-F	12:30	3.980	Cornhusker Net	Sat	12:00	146.820	Swap Net
M-F	20:30	147.090	Dennison, IA	Sat	21:00	50.300	LCS SSB Net
M-F	21:00	146.760	East NE ARES	Sun	08:00	3.901	Swap Net
Mon	00:00z	28.400	10m Phone Net	Sun	09:00	3.896	3900 Club
Mon	01:00z	145.090	Packet Net	Sun	19:00	28.125	Slow Speed CW
Mon	02:00z	434/421.25	ATV Net				
Mon	20:00	145.235	Sarpy Cty ARES				
Mon	21:00	146.940	Douglas Cty ARES				
Mon	19:30	145.130	Boyer Valley ARC				
Mon	21:00	146.940	AARC News & Info				
Mon	21:00	145.290	Mills Cty, IA				
Tue	19:00	147.360	QCWA				
Tue	20:00	144.250	2m SSB Net				
Wed	19:00	146.670	Pioneer ARC				
Wed	20:00	145.310	Ashland ARC				
Wed	21:00	146.820	Pott. Cty, IA ARES				
Thu	19:00	28.200	10m CW Net				
Thu	20:00	147.360	HDXA				

*Note that all nets with start times listed in Zulu time are now listed on the correct day for that time. For example, the Sunday night 8:00pm CST DC Ares et listed as starting on Monday morning at 02:00z.



Classifieds

**AARC Members:
Your
Classified
AD
Can Be
Here For
Free**

Classifieds are free to members. Send an email with the wording exactly as you want it printed to: wOnsa@arrl.net or mail your ad to: Ham Hum, P.O. Box 540304, Omaha, NE 68154. Ads must be received by the 3rd Friday of the month in order to be published in the next Ham Hum.



What is YahooGroups?

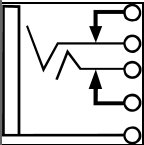
YahooGroups is an email service that offers a convenient way to connect with others who share the same interests and ideas. From HF to APRS there's an amateur radio group that speaks to your interests!

Check out the addresses listed below for more information on some popular local area groups...

Point your browsers to:

- <http://groups.yahoo.com/group/aksarbentalk>
- <http://groups.yahoo.com/group/hdxa>
- <http://groups.yahoo.com/group/dcares>
- <http://groups.yahoo.com/group/midwestaprs>
- <http://groups.yahoo.com/group/knsp>

FCC License (VE) Testing



Amateur radio license testing sessions are held every other month at the Red Cross at 2912 South 80th Avenue in Omaha.

For all examinations you must take your current FCC license and a copy (if upgrading), photo identification, any certificates of successful completion of previous examination and the testing fee of \$12.00.

For more information contact Brian Zdan KMØY via email at bzdand@novia.net or call 553-2610.

Did you know that amateur radio exam question pools and Practice exams are available on the web? Check out www.arrl.org or www.qrz.com for more information and get that new license now!



Advertise in the Ham Hum!

Your company or organization can advertise in the Ham Hum. With a monthly distribution to over 350 technology hungry consumers your ad is bound to "spark" some interest.

Photo ready ads must be received by the editor on the third Friday of the month to make the next month's issue. Advertisers will receive the Ham Hum while their ad is running.

Aggressively priced advertising rates are as follows:

Number of Months	→ 1	6	12
Business Card (2"x3.5")	\$10	\$40	\$60
DbI Bus. Card (2"x7")	\$15	\$60	\$90
Half Page Ad (4"x7")	\$25	\$100	\$150

Contact the editor for more information

July 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 AARC Board Mtg	2 AARC Tech Class	3	4	5
6	7	8 OMMRS Training AARC Tech Class	9 Lincoln ARC Meeting	10 OMMRS Training	11 AARC Cub Meeting	12 IARU HF World Championships
13 IARU HF World Championships	14 AARC Tech Class	15	16	17 Bellevue ARC Meeting	18 HDXA Club Meeting	19 Pioneer ARC Flea Market
20 Midlands ARES Meeting	21	22	23	24 SWARC Meeting OCWA Meeting	25 Pioneer ARC Meeting	26 Plattsmouth ARC Mtg NDMS Drill
27 Ashland ARC Meeting	28	29 VE Test Session	30	31		

Ham Happenings

July 1 —AARC Board Meeting, Red Cross 7:00pm

July 8,10—OMMRS Training 6:30pm Red Cross-Omaha

July 11 —AARC Club Meeting, Red Cross 7:30pm

July 12—13 IARU HF World Championships

July 19—Pioneer ARC Flea Market

July 20—Midlands ARES Meeting 1:30pm Red Cross-Omaha

July 26—Offutt Emergency Drill

July 29—VE Testing Session, Red Cross

August 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 ARRL UHF Contest
3 ARRL UHF Contest	4	5 AARC Board Mtg	6	7	8 AARC Cub Meeting	9
10	11	12	13 Lincoln ARC Meeting	14	15 HDXA Club Meeting	16 ARRL 10Gig Contest
17 ARRL 10Gig Contest	18	19	20	21 Bellevue ARC Meeting	22 Pioneer ARC Meeting	23
24	25	26	27	28 SWARC Meeting OCWA Meeting	29	30 Plattsmouth ARC Mtg
31 Ashland ARC Meeting						

Ham Happenings

August 2-3—ARRL UHF Contest

August 5 —AARC Board Meeting, Red Cross 7:00pm

August 8 —AARC Club Meeting, Red Cross 7:30pm

August 16-17—ARRL 10 Gig and up Contest

You're invited to the 3rd Annual AARC **FLAesta!**



Saturday, September 13, 2003 (8am-1pm) Sarpy County Fairgrounds—Highway 50, Springfield, NE

DXCC Card Checking

Entertainment

Pancake Breakfast

Refreshments

Door Prizes

Flea Parking and Flea Coffee \$2 Admission

8 Foot tables available. \$7.00 in advance, \$10 at the door.



2003 Ak-Sar-Ben ARC Flea Market Table—Registration Form

Payment must accompany registration for tables to be assigned to you. One admission is included with each table purchased. Set up will be at 6:00 a.m. on Saturday September 13th unless arrangements are made prior.

Name: _____

Call Sign: _____

Address: _____

E-Mail: _____

City: _____ State: _____ Zip: _____ Phone: _____

of Tables @ \$7.00 per table = \$ _____

Mail payment to: AARC Flea Market - c/o Pat Joseph
1821 Robertson Dr, Omaha, NE 68114

Printed HAM HUM Request

Would you like to continue receiving the AARC monthly publication in printed form? Fill out the information below, and give it to a Board Member, Executive Officer, the Editor, or drop it into the mail to the PO Box address on the other side of this form.

I am unable to view the HAM HUM online and would like to request that a printed copy of the HAM HUM continue to be mailed to the address on the AARC club records. Include address updates below. One HAM HUM per household.

Name: _____

Call: _____

Complete below only if your address has changed:

Address: _____

City: _____ State: _____ Zip: _____



The Ak-Sar-Ben Amateur Radio Club

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.

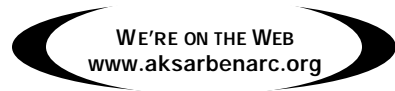
We make a special effort to provide pub-

lic 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 clubs main wide area repeater at 146.940 Megahertz.



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