

FLEA-ESTA



Annual Ham Radio Flea Market

September 6th, 2014

8:00 a.m. to 12:00 noon

Sarpy County Fair Grounds

Springfield, Nebraska

\$8 per 8' Table

\$4 admission



Breakfast & Lunch On Site

flea@aksarbenarc.org

See Page 15 for Table Reservation Form.

Ham Hum

Volume LXIV, Issue 8

August 2014

Dayton and Friedrichshafen



Joe KØNEB

AARC members were treated to a double feature for the July meeting. Long-time member Joe Eisenberg, KØNEB, shared with us his experiences at both the Dayton Hamvention in Ohio and the International Exhibition for Radio Amateurs in Friedrichshafen, Germany.

Everybody who's been a ham for any length of time is familiar with Dayton—and several AARC members have made at least one pilgrimage to the Hara Arena. Very few, however, get to go to the German convention. Joe, being a Hamvention representative and an official photographer, got to attend both. He brought back with him plenty of photos of the event, including two music videos.

Joe first talked about Dayton, which took place May 16 through 18. He gave a brief history of the event and how it grew to be the largest in the world—with the events in Tokyo and Germany coming in second and third, respectively. He described the overall size of Dayton; number of booths and stalls (both inside and outside), and how it took four hundred volunteers to make everything work.

He gave tips on how to drive or fly to Dayton and how to make best use of your time while there. This included buying tickets in advance, bringing heavy tote bags (the ones at Hara usually aren't sturdy enough for everything you'll buy), and options for shipping your purchases home. He recommended that you wear comfortable shoes and to bring plenty of cash for the flea markets—they might not take credit cards.

A month after Dayton, Joe flew to southern Germany to the Friedrichshafen event, which was held on June 27 through the 29th. Someone in the audience asked him why they held the event during Field Day. He jokingly (?) replied that nobody else in the world could get on the air, anyway.

(Dayton and Friedrichshafen continued on page 10.)



August Meeting: CW Resources



For the August meeting, Tomas Hood, NW7US, will talk about getting on the air with Morse code. It's sure to be as interesting as the talk he gave on digital HF communications last May. Don't miss it.

Friday, August 8th, 7:00 PM, Red Cross Building, 81st & Spring Streets, Omaha, NE.

HAM HUM is the official newsletter of the AK-SAR-BEN 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 24551, Omaha, NE 68124-0551 or email hamhum@aksarbenarc.org. Please contact the editor for permission to reprint anything appearing in the Ham Hum.

Club Officers & Board Members

President	Adam Kavan	KDØMMG	402-598-1521	akavan@gmail.com
Vice President	Mitch Saure	WBØGBI	402-455-6205	skyking195@aol.com
2014 Secretary	Bill True	WA9ASD	402-426-2813	williamtrue@aol.com
2014 Treasurer	Dave Rice	NØJSB	402-571-8915	davegr@netzero.net
2014-2016 Director	Russ Rosenquist	NØMNV		n0mnw@yahoo.com
2014-2016 Director	Barb Westcott	KCØHLB	402-510-0308	barbwestcott@cox.net
Immediate Past President	Tomas Hood	NW7US	402-915-1771	nw7us@nw7us.us

Club Committees

Courtesy Committee	<i>(open)</i>			
Education	Adam Kavan	KDØMMG	402-598-1521	akavan@gmail.com
Field Day	Tomas Hood	NW7US	402-915-1771	nw7us@nw7us.us
Flea-esta	Chris Rice		402-571-8915	davegr@netzero.net
Membership	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Monday Night .94 Net	Rich Swig	WAØZQG	712-256-7774	wa0zqg@hotmail.com
Prizes	Rollie Miller	ABØNN	402-333-1606	ab0nn@arrl.net
Public Service/Emergency	Jim Westcott	KAØKCV	402-510-0308	ka0kcv@cox.net
Publications	Bill Wilkinson	KCØSVZ	402-397-8803	kc0svz@gmail.com
QSL Manager & Technical	Ed Edwards	KØIL		k0il@arrl.net
Special Events Coordinator	Pat Joseph	KØCTU	402-492-9156	ppjoseph@cox.net
Web Services	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net

Repeater Committee

Chairman	John Gebuhr	WBØCMC	402-932-3443	wb0cmc@cox.net
Vice Chairman	Steve Schmitz	NØUP	402-306-2972	n0up@arrl.net
Control Operator	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Club Callsign Trustee	Corby Krick	KØSKW	402-540-5483	k0skw@k0skw.net

Other Contacts

ARRL Midwest Director	Clifford Ahrens	KØCA	573-221-8618	k0ca@arrl.org
ARRL Midwest Vice-Director	Rod Blocksome	KØDAS	319-393-8022	k0das@arrl.org
EC Douglas County	Steve Schmitz	NØUP	402-306-2972	n0up@arrl.net
EC Sarpy County	Dennis Mitchell	KCØYKN		
Exams/Vol. Council	Brian Zdan	KMØY	402-553-2610	bzdan@novia.net
NE Section Manager	Matt Anderson	KAØBOJ	402-580-5515	ka0boj@arrl.org
Official Observer Coordinator	Bill McCollum	KEØXQ	402-690-7965	ke0xq@cox.net

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 Bill KCØSVZ (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/>

AARC Flea-Esta Table Reservation Form



Mail Completed Form to:

**Ak-Sar-Ben Amateur Radio Club
C/O Pat Joseph
1821 Robertson Drive
Omaha, NE 68114**

_____ **Advanced Flea Market Tables at \$8.00 each *** \$ _____

_____ **Additional admission Tickets at \$4.00 each** \$ _____

Total enclosed \$ _____

Name: _____ **Call Sign:** _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: _____ **eMail:** _____

Flea-esta is considered a family friendly event.

The Ak-Sar-Ben ARC reserves the right to eject any items from the premises that it deems inappropriate or that do not conform to FCC Regulations.

The Ak-Sar-Ben ARC is not responsible for theft or accidents occurring at the Flea-esta site.

*Table price includes 1 admission per table (up to 2 admissions per table order)

Kids 10 and under free, when accompanied by an adult.

You may be a ham radio operator if...you have told the XYL, when she noticed a new rig in the shack, "Why, that has been there for years."

Want Ads

For Sale: Vintage ARRL Books The following books are being sold by AARC. Contact any club officer at the next meeting, or send an email through the AARC web page (pictures available there, too): <http://tinyurl.com/bajwo5e>

- *A Course in Radio Fundamentals*. 1972. Fifth edition. Used. The book consists of 183 pages of instructional material for those interested in the field of radio. The book is in excellent overall condition. The covers do have some general wear, but the interior is in beautiful shape. The binding is nice and tight. Price: \$2.00.
- *The Radio Amateur's VHF Manual*. 1972. 352 Pages, softbound. Used. This vintage book provides a lot of information on VHF bands up to 440 MHz. This publication provides a lot of useful information. Price: \$2.00.
- *Single Sideband for the Radio Amateur*. 1970. This softbound 246 page book is in excellent condition. It might be an older book but still has lots of good information on what has become a mainstay of amateur radio communication modes. Price: \$2.00.
- *Specialized Communications Techniques for the Radio Amateur*. 1978. 208 pages. This book deals with developing areas of ham radio communications such as television, slow scan TV, fax, radioteletype, space communications, and advanced techniques such as time-division multiplexing. Lots of great info in this book. It is in great condition. Price: \$2.00.
- *Understanding Amateur Radio*. 1971. Used. This item has over 290 pages with fully legible and clear pictures, schematics, and interesting information about ham radio. Item obviously shows some wear, but in good overall condition. Price: \$2.00.

Wanted: Linksys Router Did you upgrade your router? Still have your old one in the closet? I am looking for Wireless Linksys Router Models WRT54G (version 1 – 4), WRT54GS (version 1- 4), and WRT54GL (any version). If you aren't sure of the version, email me the first 4 characters of the serial number and I can tell you if I can use it. This is for a ham radio project. Willing to pay \$10 for complete and working units, Will still take them off your hands if they aren't working. Contact: Mary NØTRK at the next AARC meeting, or email n0trk@arrl.net

Job Opening: Ham Hum Editor Position available in March, 2015. Here's your chance to become the head inkslinger of the AARC *Ham Hum*. You get to write articles of interest to club members and to edit the writings of others. *Think of the power!* AARC will supply the materials that you need to print and distribute the issues. You must supply the restless urge to write. If interested, contact Bill KCØSVZ or any club officer at the next meeting.

You may be a ham radio operator if...your cell-phones ring tone is your ham radio call sign, sent in Morse Code.

Report on the Greater North Bend Flea Market Club Sales

Bill True, WA9ASD

The Greater North Bend Flea Market and Food Extravaganza, otherwise known as the Pioneer ARC Hamfest was a pretty successful day for the club. After a brief dead period until about 10:30 AM, club equipment sold regularly throughout the event.

First to go was a Vibroplex semi-automatic key with carrying case, followed by the Hamkey HK-3. Next the Globe Scout 680 with 10 crystals, three cabinet door handles without screws, and two drywall anchors. After that, someone bought the Radio Shack Code Oscillator and brass key on a wooden board.

The real pleasure came late in the day when Mitch, WBØGBI came by the table. Thinking he was safe from the intoxicating lure of vintage ham equipment by not carrying much cash and no checkbook, the lure of the club goodies overcame him. While he twisted my arm mightily behind my back, I gently extracted [*outrageous dollar amount deleted -ed*] from his wallet for the HQ-145 receiver and the HT-37 transmitter with D104 mic; he didn't feel a thing. Since his credit is good with the club a handshake sealed the deal even though I'm usually facing the sucker (I mean buyer) when I hook them. (Additional satisfaction came in selling those items at the last minute in spite of the low-ball bids I got all day for the receiver from the person manning the table behind me.)

By the way, Mitch now holds the club record for the most amount of money any club member has paid the club for vintage equipment. Considering his expertise in this area perhaps we can extract a meeting program from him about what to look for in older equipment and some of the processes involved in restoration.

Since I sold none of my own stuff I am charging the club \$5 for use of my table. I ought to extract an additional penalty since I broke Hamfest Rule No. 2A: "Never spend more money than you make in sales."

I also won no door prizes with the 15 raffle tickets I bought – bummer. I was exempt from Rule No. 1, The One-Trip Rule: "Never bring more stuff than you can carry in one trip." Additionally I did not violate Rule No. 2B: "Never buy anything big and/or heavy."

After the club equipment free-for-all, the following stuff was still unsold:

- MFJ-1272BYV TNC/MIC Interface Switch
- MFJ-4008044 Econo Keyer
- No-name stereo headphones with 1/4" plug and individual ear volume controls.
- B & W Model 425 52 Ohm Low Pass Filter
- Heathkit Model HD-2010 KC Crystal Calibrator
- E. F. Johnson Speedex Transmitting Key with plastic base
- Radio Shack 22-201U Micronta 18-Range Multi-Tester analog meter

By the end of the day, the club received a fair sum of money—most of it from Mitch.

That's my story and I'm sticking to it.

You guys missed a good time.



Veep Speaks

This month's program is Morse Code (CW) and Resources by Tomas NW7US. He will discuss techniques that will help you get on the air using this mode. Also, if you have any Morse/Telegraph/CW keys be sure to bring them. We will set up a table to put them on display before and after the program

Mitch WBØGBI, Vice President AARC

Club Meeting Minutes – July 11, 2014

Bill WA9ASD, Secretary AARC

The meeting was called to order at 7:00 PM by the President Adam, KDØMMG by saying the Pledge of Allegiance followed by introductions by name and call. There were 29 attendees.

Officers and Board members present included: Adam, KDØMMG; Mitch, WBØGBI; Dave, NØJSB; Bill, WA9ASD; Barb, KCØHLB and Russ NØMNW.

Secretary's Report - Bill, WA9ASD - A motion was made by Barb, KCØHLB, seconded by Cam, W7CAM to accept the minutes of the previous club meeting as published in *Ham Hum*. Passed unanimously.

Treasurer's Report - Dave, NØJSB -In the month of June there were deposits of \$23 for refreshments and \$600 from the sale of the tower and antennas the club purchased from the estate of WBØFZZ. Payments consisted of \$15.97 for refreshments, \$171.66 for trailer refit supplies, \$404.36 for Flea-Esta prizes, \$101.66 for the port-a-john for Field Day and a \$3 bank fee. This leaves the balance of all the club accounts at \$21,650.52.

President's Report - Adam, KDØMMG-"It's a good thing."

Vice President's Report - Mitch, WBØGBI- Tonight's program will be presented by Joe, KØNEB on The Dayton Hamvention and the largest European hamfest in Friedrichshafen, Germany. Next month's program will be by Tomas, NW7US on CW.

Public Service

- ARES - Steve, NØUP - There are no events scheduled.

Education Committee - Adam, KDØMMG -We are working on the curriculum.

Membership Committee - Mary, NØTRK- We have members.

Publications/Web Services

- *Ham Hum* - Bill, KCØSVZ - We published.
- Web Site - Mary, NØTRK - The last month's meeting program video has been posted.

(Club Meeting Minutes continued on page 5.)

Club Calendar

Aug 8	7:00 PM AARC Meeting. Red Cross Building, 81 st & Spring St., Omaha, NE.
Aug 9	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
Aug 9	1:00 PM BARC VE Session, 11111 S. 84 th St., Papillion, NE.
Aug 10	3:00 PM AARC Fox/Rabbit Hunt (time/date subject to change).
Aug 13	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
Aug 16	6:00 PM AARC Coffee. Perkins Restaurant, 108 th & L Streets, Omaha, NE.
Aug 17	9:00 AM ARRL Kansas State Convention, 2601 N. Ohio St., Salina, KS
Aug 20	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
Aug 21	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE.
Aug 22	3:00 PM Joplin Hamfest, Convention & Trade Ctr, I-44 at Exit 8, Joplin, MO.
Aug 23	8:00 AM Joplin Hamfest, Convention & Trade Ctr, I-44 at Exit 8, Joplin, MO.
Aug 26	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge St, Omaha, NE.
Aug 28	6:30 PM Technician License Class. Salvation Army, 10629 Burt Cir., Omaha, NE.
Aug 28	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
Aug 28	7:30 PM SWIARC Meeting. 705 N 16 th , Council Bluffs, IA.
Sep 4	<i>Ham Hum</i> article submission deadline.
Sep 4	6:30 PM Technician License Class. Salvation Army, 10629 Burt Cir., Omaha, NE.
Sep 6	Flea-esta. Sarpy County Fairgrounds, Springfield, NE.
Sep 10	7:30 PM LARC Meeting, 4647 Superior St., Lincoln, NE.
Sep 11	6:30 PM Technician License Class. Salvation Army, 10629 Burt Cir., Omaha, NE.
Sep 12	7:00 PM AARC Meeting. Red Cross Building, 81 st & Spring St., Omaha, NE.
Sep 13	11:00 AM HBQRP, Bredeaux Pizza, 1425 Silver St., Ashland, NE.
Sep 17	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
Sep 18	6:30 PM Technician License Class. Salvation Army, 10629 Burt Cir., Omaha, NE.
Sep 18	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St., Bellevue, NE.
Sep 20	6:00 PM AARC Coffee. Perkins Restaurant, 108 th & L Streets, Omaha, NE.
Sep 23	6:30 PM AARC Directors' Meeting. Village Inn, 78th & Dodge St., Omaha, NE.
Sep 25	6:30 PM Technician License Class. Salvation Army, 10629 Burt Cir., Omaha, NE.
Sep 25	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
Sep 25	7:30 PM SWIARC Meeting. 705 N 16 th , Council Bluffs, IA.
Sep 27	8:00 AM 3900 Club Hamboree. Firefighters Hall, 2108 Franklin St, Bellevue, NE.
Sep 30	6:30 PM AARC VE Session, Red Cross Building, 81st & Spring St., Omaha NE.
Oct 11	8:00 AM Nebraska Rare County Activation (http://www.qcwa.org/chapter025.htm)

For more details and the latest updates, see the *Calendar* section of the AARC web site (<http://www.aksarbenarc.org/>).

BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for August 26, 2014, 6:30 PM at the Village Inn on 78th and Dodge Streets. Unless noted otherwise, Board meetings take place at that time and location on the fourth Tuesday of the month. For any changes to this schedule, check for an announcement at the next club meeting, or on the AARC web page at <http://www.aksarbenarc.org/>.

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 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 3.896.000 3900 Club.
8:30 PM 443.925+ (103.5 tone) IRLP Net.
9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

Please let us know of any updates or corrections to the above.

AARC Equipment Loaner Program

Ak-Sar-Ben Amateur Radio Club members who are in good standing and possessing an active FCC issued US Amateur Radio License may borrow one of two Icom HTs. Each radio is a basic two meter transceiver with an NiMH battery and charger. It is perfect for when you need to borrow a rig to help with that community service event, or if you are itching to get on the air as you shop for your new radio.

Other equipment includes an ARRL *Introduction to Morse Code* CD set and (in the near future) an MFJ-259B antenna analyzer. A policy for the antenna analyzer is still being set—see the AARC web page at <http://www.aksarbenarc.org/main/> for its status.

You can check out a radio for one month at any Club meeting and return it at the next. Alternately, you can contact the equipment committee at equipment-committee@aksarbenarc.org. For more details, see the AARC web page listed above.
de AARC Equipment Committee

(Club Meeting Minutes *continued from page 4.*)

Repeater Committee - John, WBØCMC - It's working. The club accepts donations for any area repeater and forwards the money to the appropriate owner.

Field Day - Adam, KDØMMG - The club amassed over 4000 points as a 7A station. Twenty-five people participated with 8 stations active. Everyone had a good time. There will be conversations with the shack captains to make note of what worked and what didn't..

QSL and Technical Committee - Eddy, KØIL - no report

Courtesy Committee - This position is open and we need someone to track the hams in Omaha and surrounding areas.

Trailer/Equipment Committee - Mary, NØTRK - The trailer works.

Flea-Esta - Chris Rice-We are still looking for volunteers. We have all of the prizes. There are tables available. Flea-Esta is September 6 from 8 AM to noon with breakfast and lunch available. There may be an additional breakfast option.

Old Business - There are name tags available for those who filled-out the club survey.

New Business - none

Announcements - In April in the Nebraska QSO Party KØUSA tied for first place in the state.

- The Lincoln Chapter of the QCWA is sponsoring an event to activate rare counties in Nebraska on Saturday, October 11th for County Hunters. Some particularly rare counties are Burt, Cuming and Washington. Hams are urged to get out with their mobile rigs and make some contacts.
- The Pioneer ARC in Fremont is having their annual Hamfest tomorrow July 12 at North Bend. This is a nice hamfest with great food.
- The Transmitter Hunt will be Sunday, July 20 at 3 PM.
- John, WBØCMC announced that the Benson Farmers Market Grill Wars barbecue contest will be held August 2 during the Benson Farmers Market. Grillers and tasters are invited to attend.
- Rollie, ABØNN announced that we have 4 regular door prizes tonight as well as the dreaded Brown Bag Door Prize and the Mr. Reeh Door Prize. All tickets purchased are held and used in the drawing at the December meeting for the Grand Door Prize.
- Coffee and cookies are available in the kitchen thanks to Don, WBØVGB. Please help yourself and donate to offset the cost of this.

At 7:19 PM a motion was made by John, WBØCMC, seconded by Norm, WAØJYD to end the meeting.

Bill WA9ASD, Secretary AARC

July Door Prizes

Raffl'n Rollie, ABØNN, awarded six door prizes to lucky recipients in July: a package of Haul-Master bungee cords, a set of Western Safety knee pads, a package of HFT Microfiber Cleaning Cloths, a Warrior 100-piece Security Bit Set, the endlessly fascinating Mr. Reeh Door Prize, and the Brown Bag

Door Prize. Norm WAØJYD stepped up to draw the tickets.

The first ticket drawn belonged to Cam W7CAM, who was awarded the knee protectors. Next, Mitch WBØGBI won the microfiber cloths, while Bill KCØSVZ got the drill bits. The Brown Bag Prize went to Dave NØJSB, who opened it to find an always-useful power strip.

Barb KCØHLB won the Mr. Reeh Door Prize. Jim KAØKCV opened it for her using a large knife—possibly for protection in case whatever was inside was dangerous and hungry. It turned out, however, to be mostly harmless: a Unimetrics Minicom radio. There was speculation as to what *kind* of radio, but Bill WA9ASD was heard to mutter that it "...is a solid-state VHF tunable receiver with provision for two crystal-controlled channels." He went on to say that even with its compact size, it operates on 12 vdc or 120 vac with its built-in ac power supply. He couldn't tell from looking at it if it had any crystals, but advised not opening it as there was a risk of "...letting out any 40-year-old ghosts or blue smoke."

Note that the proceeds for each month's tickets go for buying next month's prizes. Also, all tickets are kept and included in the Grand Prize drawing in December.



Barb KCØHLB with Minicom Receiver

Bill KCØSVZ

AARC Transmitter Hunt

The next rabbit hunt is scheduled for Sunday, August 10th at 3PM. Final details will be worked out at the club meeting the Friday before. Also look for announcements on the AARC Internet sites (page 2). Everyone is invited.

Technician License Class

Announcing a free ham radio entry-level Technician Class licensing course. The class will meet on Thursdays at 6:30 PM at the Salvation Army at 10629 Burt Circle. It begins on Thursday August 28th and continues until September 25th. There is no charge for the class. The license manual will be available at the first class for \$25. Preregistration is preferred. Email: beaham@aksarbenarc.org

Mary NØTRK

Contest Calendar

August 2014

ARS Spartan Sprint
CWops Mini-CWT Test

0100Z-0300Z, Aug 5
1300Z-1400Z, 1900Z-2000Z, Aug 6 and
0300Z-0400Z, Aug 7
0100Z-0230Z, Aug 7
0145Z-0215Z, Aug 8
0230Z-0300Z, Aug 8
0000Z, Aug 9 to 2359Z, Aug 10
1200Z, Oct 9 to 2400Z, Oct 10
1600Z, Aug 9 to 0400Z, 1600Z-2400Z, Aug 10
2300Z, Aug 9 to 0300Z, Aug 10

QRP Fox Hunt
NCCC RTTY Sprint
NCCC Sprint Ladder
WAE DX Contest, CW
SKCC Weekend Sprintathon
Maryland-DC QSO Party
50 MHz Fall Sprint
MMMonVHF/DUBUS 144 MHz
Meteorscatter Sprint Contest
NAQCC Straight Key/Bug Sprint
CWops Mini-CWT Test

0000Z, Aug 12 to 2400Z, Aug 13
0030Z-0230Z, Aug 13
1300Z-1400Z, 1900Z-2000Z, Aug 13 and
0300Z-0400Z, Aug 14
1900Z-2000Z, Aug 13
0100Z-0230Z, Aug 14
0145Z-0215Z, Aug 15
0230Z-0300Z, Aug 15
0000Z, Aug 16 to 1600Z, Aug 17
0600 local, Aug 16 to 2400 local, Aug 17
1800Z, Aug 16 to 0559Z, Aug 17
1300Z-1630Z, Aug 17
1800Z-2359Z, Aug 17
1300Z-1400Z, 1900Z-2000Z, Aug 20 and
0300Z-0400Z, Aug 21

RSGB 80m Club Sprint, CW
QRP Fox Hunt
NCCC RTTY Sprint
NCCC Sprint Ladder
SARTG WW RTTY Contest
ARRL 10 GHz and Up Contest
North American QSO Party, SSB
SARL HF Digital Contest
ARRL Rookie Roundup, RTTY
CWops Mini-CWT Test

0100Z-0230Z, Aug 21
0145Z-0215Z, Aug 22
0230Z-0300Z, Aug 22
0400Z, Aug 23 to 0400Z, Aug 25
1600Z, Aug 23 to 0400Z, Aug 24
1300Z-1400Z, 1900Z-2000Z, Aug 27 and
0300Z-0400Z, Aug 28
0100Z-0230Z, Aug 28
1900Z-2000Z, Aug 28
0145Z-0215Z, Aug 29
0230Z-0300Z, Aug 29
1200Z, Aug 30 to 1159Z, Aug 31
1200Z, Aug 30 to 1200Z, Aug 31
1300Z-1630Z, Aug 31

QRP Fox Hunt
NCCC RTTY Sprint
NCCC Sprint Ladder
Hawaii QSO Party
Ohio QSO Party
CWops Mini-CWT Test

QRP Fox Hunt
RSGB 80m Club Sprint, SSB
NCCC RTTY Sprint
NCCC Sprint Ladder
SCC RTTY Championship
YO DX HF Contest
SARL HF CW Contest

September 2014

MI QRP Labor Day CW Sprint
ARS Spartan Sprint
QRP Fox Hunt
NCCC RTTY Sprint Ladder
CWops CW Open
All Asian DX Contest, Phone
Wake-Up! QRP Sprint

2300Z, Sep 1 to 0300Z, Sep 2
0100Z-0300Z, Sep 2
0100Z-0230Z, Sep 4
0145Z-0215Z, Sep 5
0000Z-0359Z, 1200Z-1559Z, 2000Z-2359Z, Sep 6
0000Z, Sep 6 to 2400Z, Sep 7
0600Z-0629Z, 0630Z-0659Z, Sep 6 and
0700Z-0729Z, 0730Z-0800Z, Sep 6
1300Z-1600Z, Sep 6
0000Z-0400Z, Sep 7
1100Z-1700Z, Sep 7
1800Z, Sep 7 to 0300Z, Sep 8

AGCW Straight Key Party
North American Sprint, CW
DARC 10-Meter Digital Contest
Tennessee QSO Party

Sources: <http://www.hornucopia.com/contestcal/index.html> & <http://www.aksarbenarc.org>

(Dayton and Friedrichshafen continued from page 1.)

With him went AARC member Brian Zdan, WM0Y, who is fluent in German. Throughout the presentation, Joe would check with Brian to make sure he got his facts straight.

In many ways, the German convention is similar to Dayton: quite large, many stalls with lots of things to buy, and international in scope—to name three. Other activities were unique. Booths that represented a particular country's equivalent of the ARRL would hand out free food and drink common to their country—including alcohol. One had to be careful and pace oneself when wondering around the arena.

Joe talked about some of the sights to see in the Friedrichshafen area, plus gave some tips on how to prepare for the trip. The latter included how to get a permit to operate over there. Also, he recommended that if you bring a power strip with an adapter for German AC plugs, make sure the strip isn't surge protected. It might catastrophically fail.

Joe concluded his talk with two entertaining music videos/slide shows that he'd created: Dayton was played to "Sharp Dressed Man", while Friedrichshafen was set to "Der Kommissar." Both are available for watching on his Joehusker YouTube site at <https://www.youtube.com/channel/UCyNTH3SDIHqjEAPLRbY8p6A> (<http://tinyurl.com/mn9yp3n>).

Following that, there was a lively Q&A session. In all, it was a very entertaining evening.

Bill KCØSVZ

Saturday Night Coffee

Only a small group of people were at Perkins for the July get-together. Initially, there were just three of us: Arnie KAØNCR, Darrell KDØEF, and me. We passed the time talking about QRP and HF contacts. Then Pat KØCTU and Mary NØTRK arrived and the topics included more ham-related subjects plus bicycling events such as RAGBRAI. Then John WBØCMC showed up with a jar of his homemade "Bonifide Benson Bee Barf" honey—which tasted quite good on one of Perkins's blueberry muffins. The subjects of discussion expanded to contesting, 2 meter repeater allocations, club newsletters, construction of the N6KVA Memorial Trailer, Fox/rabbit hunting, and spotting/contacting the International Space Station.

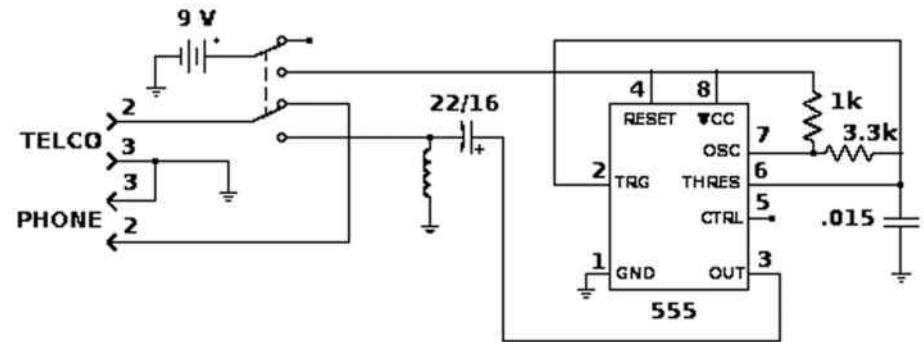
An individual at a nearby table overheard us and stopped by to introduce himself: Charles KAØYLP. He was from Sioux City and was in town for the Omaha Triathlon. He didn't have time to stay and talk, but accepted a copy of the *Ham Hum* from us and an invitation to attend one of the AARC regular meetings the next time he was in town.

The AARC Coffee get-together is held at Perkins restaurant at the corner of 108th and L Streets in Omaha on the third Saturday of the month, starting at 6 PM. Everyone is invited.

Bill KCØSVZ

Robo Blaster

John Gebuhr, WBØCMC



How to blast a robo-caller. When you answer, after the original recorded message, it will tell you how to talk to a real person. Press 1 on the touch-tone, usually. When the real person answers, press the button on the blaster.

When you press the button, it disconnects your phone and sends a tone at about +8dBm down the line.

Most likely the real person on the other end will have earphones on so he can use both hands on a keyboard. He will get the full level of the tone in his ear or ears. Somewhat painful under the circumstances and he can't pull off the earphone as fast as a hand set.

You should be able to hear the tone faintly from the inductor. It will change tone slightly as the robo person disconnects. You can let off on the button at this point and hang up smiling.

No parts are critical. The inductor can be larger. A 600 ohm transformer winding would be ideal. You just don't need the other winding. Radio Shack has them as do all the electronic supply houses. The DC resistance of the winding is what holds the line while the button is pressed.

It has been almost two weeks now since the last blast and no more calls. It might be having an effect. One can only hope.

Parts List

9 volt battery	DPDT pushbutton switch (momentary)
15 mH inductor	22 µF, 16v capacitor
555 timer circuit	1 kΩ resistor (any wattage)
3.3 kΩ resistor (any wattage)	(2 each) RJ11 telephone jacks
RJ11 cord	

All parts available at Radio Shack, Mouser Electronics, Allied Electronics, Newark, and Digikey.

[Editor's Note: The above is presented for technical information and as a test of your electronics skills. Use at your own risk. In today's litigious society, you may get sued.]

AARC Fox Hunt

Bill True WA9ASD



At table (front left, clockwise): Dave NØJSB, Russ NØMNW, Bill WA9ASD, Pat KØCTU, Mary NØTRK, and John WBØCMC. On right (L-R): Justin KEØBHP and Adam KDØMMG.

The Aksarben ARC Fox Hunt for July 2014 began in some disarray. John, WBØCMC had hidden the transmitter and was ready to go at 3 PM. All of the hunters arrived at the starting point; the parking lot for Memorial Park, before 3 PM but some were more prepared than others.

The hunters were Dave, NØJSB, Pat, KØCTU (although he did identify as NØHPP one time) with his driver NØTRK, Adam, KDØMMG and Bill KCØSVZ. Russ, NØMNW also was there but only had an HT and could not hear the transmitter. He elected to ride with Dave. We also had the pleasure to meet Justin, a newly licensed ham. He didn't know his call yet so Adam looked it up on the FCC website to discover that he is KEØBHP. Welcome to ham radio, Justin.

After two or three test transmissions, Adam was still reassembling his antenna and Bill was adjusting pull-out TV rabbit ears (what else?) to hear the signal. Dave and Pat left while further attempts by Adam and Bill resulted in Adam finally briefly hearing the signal at about 3:10, so they left with me following them.

We proceeded east on Underwood avenue to 46th street where Adam took another reading unsuccessfully. While we were parked there Pat Connell, NØBNY stopped and asked what we were doing. Bill told him about the transmitter hunt and Pat related that he had hunted transmitters 25 or 30 years ago with the club and wished everyone good luck.

From there Adam and Bill headed east on Cumming Street and I got two stoplights behind and lost them. I headed northwest to an area that I thought John had mentioned in a conversation earlier in the week.

Dave and Russ arrived at Benson park where Russ found the transmitter first with Dave following up a minute later at about 3:40 PM. Pat (with driver) found it at about 3:50 PM. Adam was in south Omaha.

(AARC Fox Hunt continued on page 9.)

(AARC Fox Hunt continued from page 8.)

At about 4 PM Adam was advised to go to the last place he heard the transmitter, so he proceeded back to Memorial Park He was also advised to "think Bunnies." At this point I circled Benson High School (home of the Benson Bunnies) with no sightings of anyone related to the hunt.

At 4:20 PM Adam again heard the transmitter from the starting point and proceeded north to Benson Park and found the transmitter at about 4:40 PM. At this point while I was parked in Gallagher Park in Benson when I got a call to head to the west side of the pond (whoops, wrong park). Bill slowly worked his way to the transmitter and found it at about 4 PM.

The hungry hunters retired to Arby's for reviving nourishment.

Lessons learned: Use and check out your equipment before you go hunting. Don't be surprised if the signal is not in the direction that you sight along the boom. If you can't hear the transmitter go to the last place you heard it. Tape measure beams don't work well in the wind.

The next transmitter hunt will probably be August 10 at 3 PM.

Bill WA9ASD

QCWA 2014 RARE COUNTY SPECIAL EVENT

Chapter 25 of the Quarter Century Wireless Association is pleased to announce the 2014 Nebraska Rare County Activation special event. It is designed to encourage amateurs both in and out of Nebraska to activate those Nebraska counties which are considered difficult to contact. The event is aimed at making the rarer Nebraskan counties available to county hunters: for example, those earning county hunter awards and/or interested in earning a Worked All Nebraska County award.

The activity will take place entirely on Saturday, October 11th. It will start at 8:00 AM CDT (1300Z) and end at 5:00 PM CDT (2200Z). The special event station, NEØQP, will be operating from some of the counties during this period.

A preliminary list of rare counties includes the following: Boyd, Knox, Garfield, Johnson, Loup, Rock, and Sioux. also, there will be an effort to activate Washington, Burt, Cumming, Johnson, Pawnee, Boone, Holt, Perkins, Chase, and Grant counties.

The general frequencies to be used in the special event are located near the County Hunter's Net frequencies:

CW: 7,056.5 14,056.5 21,056.5 kHz
SSB: 7,188 14.336 21,336 kHz

Possibly not all rare counties will be activated, and some at different times. Therefore, about two weeks prior to the activity we will post a Schedule of Operations with more details (call, county, time, band). Check the QRZ website (<http://qrz.com/>) for NEØQP (the QCWA Ch. 25 call sign).

Interested individuals and clubs are encouraged to contact Reynolds Davis, KØGND (email: ReynoldsD1@aol.com) so that we may post tentative operations schedules. Stations needing a specific county are also encouraged to contact KØGND; we will endeavor to activate that county if it is not already scheduled.

de <http://www.qcwa.org/chapter025.htm>