



# Heartland Hams ARC HAMFEST

## Emerson, Iowa

### SATURDAY 29 September 2012

8AM-1PM, ADMISSION \$3

TALK-IN 145.290 R –

**DIRECTIONS: FROM I-29, EXIT 35, GLENWOOD, IOWA**

Go east on Hwy 34 past the Glenwood exit to 380<sup>th</sup> St., approximately 14 miles. Go south ¼ mile to 2nd driveway on the right.



Hamfest is in the big building.

Thanks to the Indian Creek Historical Society for the use of their building.



### ADMISSION

ADULTS \$3  
TABLES \$5



### INFORMATION & TABLES

Don Brown ACØTS 712-526-2080 [ac0ts@arrrl.net](mailto:ac0ts@arrrl.net)

Sharon Sullivan KC0SIA [kc0sia@arrrl.net](mailto:kc0sia@arrrl.net)

Shirley Titsworth KD0HYE [texasbelle4952@yahoo.com](mailto:texasbelle4952@yahoo.com)

**Ladies table with various items for sale.**

SPONSORED BY THE HEARTLAND HAMS

### VENDORS

D&L ANTENNA SUPPLY CO. 913-384-0773 <http://www.dandlantenna.com/>



AK-SAR-BEN Amateur Radio Club, Inc.

# Ham Hum

Volume LXII, Issue 9

September 2012

## Recycling Electronics



Steve NØUP on Recycling Electronics

For the August meeting, Steve NØUP discussed techniques for making old electronic equipment useful again, or—if that wasn't possible—how to get rid of it in a way that was environmentally friendly and sometimes profitable.

He said that one option is to repurpose the equipment. That is, use a soldering iron and other tools to extract as many working components from it as possible. This would include not only individual parts such as resistors, coils, transistors, and capacitors;

but also subassemblies such as computer drives and RF modules. If done carefully, even surface-mount components can be harvested. Once extracted, all these parts can be sorted and kept to repair other units, or used for construction projects.

If the equipment is working, but no longer needed, Steve suggested that you can take more traditional approaches of selling or trading it: Advertise it in the *Ham Hum*, Craigslist, the eSwap section of the AARC web site (<http://www.aksarbenarc.org/>), or similar places.

If you can't sell it or trade it, you might be able to donate it. For example, Goodwill (<http://www.goodwillomaha.org/ewaste-green.php>) accepts computer donations and repairs them for resale at their Goodbytes store on 72nd and F Streets. Steve also said that Best Buy will take old TV sets (even tube-types) and issue credit for purchase.

*(Recycling Electronics continued on page 8.)*

## FLEA-ESTA PHOTOS INSIDE

*(Pages 6 and 7)*

### September Meeting: BOAR

The topic for this month's meeting is BOAR, or Broadband Over Amateur Radio.  
Friday, September 14th, 7:00 PM, Red Cross Building, 81<sup>st</sup> & 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](mailto:hamhum@aksarbenarc.org). Please contact the editor for permission to reprint anything appearing in the Ham Hum.

### Club Officers & Board Members

President	Mary Joseph	NØTRK	402-492-9156	<a href="mailto:n0trk@arrl.net">n0trk@arrl.net</a>
Vice President	Scott Avery	KA4ZZQ	402-880-9246	<a href="mailto:scott@averysgk.com">scott@averysgk.com</a>
2011-2012 Secretary	Bill True	WA9ASD	402-426-2813	<a href="mailto:williamtrue@aol.com">williamtrue@aol.com</a>
2011-2012 Treasurer	Marvin Taylor	AEØEG	402-556-3668	<a href="mailto:AE0EG@arrl.net">AE0EG@arrl.net</a>
2012 Director	Adam Kavan	KDØMMG	402-598-1521	<a href="mailto:akavan@gmail.com">akavan@gmail.com</a>
2012 Director	Dave Rice	NØJSB	402-571-8915	<a href="mailto:davegr@netzero.net">davegr@netzero.net</a>
Immediate Past President	John Gebuhr	WBØCMC	402-932-3443	<a href="mailto:wb0cmc@cox.net">wb0cmc@cox.net</a>

### Club Committees

Courtesy Committee	Bill McCollum	KEØXQ		
Education	Mary Joseph	NØTRK	402-492-9156	<a href="mailto:n0trk@arrl.net">n0trk@arrl.net</a>
Field Day	Rob Buchholz	KCØOYT	402-964-9960	<a href="mailto:kc0oyt@arrl.net">kc0oyt@arrl.net</a>
Membership	Mary Joseph	NØTRK	402-492-9156	<a href="mailto:n0trk@arrl.net">n0trk@arrl.net</a>
Monday Night .94 Net	Rich Swig	WAØZQG	712-256-7774	<a href="mailto:wa0zqg@yahoo.com">wa0zqg@yahoo.com</a>
Prizes	Rollie Miller	ABØNN	402-333-1606	<a href="mailto:ab0nn@arrl.net">ab0nn@arrl.net</a>
Public Service/Emergency	Jim Harper	KCØSHZ	402-659-0102	<a href="mailto:kc0shz@yahoo.com">kc0shz@yahoo.com</a>
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QSL Manager & Technical	Ed Edwards	KØIL		<a href="mailto:k0il@arrl.net">k0il@arrl.net</a>
Special Events Coordinator	Pat Joseph	KØCTU	402-492-9156	<a href="mailto:ppjoseph@cox.net">ppjoseph@cox.net</a>
Web Services	Mary Joseph	NØTRK	402-492-9156	<a href="mailto:n0trk@arrl.net">n0trk@arrl.net</a>

### Repeater Committee

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

### Other Contacts

ARRL Midwest Director	Clifford Ahrens	KØCA	573-221-8618	<a href="mailto:k0ca@arrl.org">k0ca@arrl.org</a>
ARRL Midwest Vice-Director	Rod Blocksome	KØDAS		
EC Douglas County	Steve Schmitz	NØUP	402-306-2972	<a href="mailto:n0up@arrl.net">n0up@arrl.net</a>
EC Sarpy County	Dennis Mitchell	KCØYKN		
Exams/Vol. Council	Brian Zdan	KMØY	402-553-2610	<a href="mailto:bzdan@novia.net">bzdan@novia.net</a>
NE Section Manager	Art Zyguelbaum	KØAIZ	402-421-0839	<a href="mailto:K0AIZ@arrl.org">K0AIZ@arrl.org</a>
Official Observer Coordinator	Bill McCollum	KEØXQ		

### 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/>

## Want Ads

**For Sale: OSJ - Model OSJ 146/440 Dual Band J-Pole New**, bulk packaged Arrow Dual Band J-Pole antenna. This antenna is well made, simple and easy to setup. Whether mounted on a mast or installed in your attic, this antenna gets great results. All proceeds from the sale go back to the Ak-Sar-Ben Amateur Radio Club. It will be available for pickup at any AARC Club meeting. Price: \$35. Contact any AARC Officer at a Club meeting, or send email through the Club web site at <http://www.aksarbenarc.org/main/index.php/eswap/4-antennas>

**For Sale: 1965 ARRL The Radio Amateur's Handbook** This is a used copy of the ARRL Handbook. No stains, all pages still attached. Proceeds go back to the AARC. Price: \$5. Contact any AARC Officer at a Club meeting, or send email through the Club web site at <http://www.aksarbenarc.org/main/index.php/eswap/8-books-and-magazines>

**For Sale: Icom IC-746** This excellent one-owner Icom IC-746 (non-pro) comes from a non-smoking home. It was purchased in 2000 in Dayton and has been well cared for. It is in perfect condition with only minor scuffing from the day-to-day use. The radio has performed flawlessly on bands (160-10 meters plus 6 and 2 meters) using SSB and PSK. 100 W output is available on all bands. There are many other features; see the AARC web site at <http://www.aksarbenarc.org/main/index.php/eswap/1-hf-radios> for a detailed list. Included is a HM-36 hand mic, instruction manual, and original box. Also included is an Icom PS-85 20-amp power supply. I am selling only because another radio was purchased. Hate to see it go, but it needs a good home where it can get on the air. Asking \$750 but will consider offers. Contact: Mary NØTRK at AARC meeting, or email [n0trk@arrl.net](mailto:n0trk@arrl.net)

**For Sale: Kenwood TS-180 Complete Station** Good condition. SSB, FSK, and CW modes in the 160 through 10 meter ham bands and receives WWV at 10 MHz. See <http://www.aksarbenarc.org/main/index.php/eswap/1-hf-radios> for a detailed description. Also included are the matching AT-180 antenna tuner, SP-180 Speaker, PS-30 Power Supply, and an MC-50 Desk Microphone. All the manuals included. Everything works great; just add your antenna and Get on The Air! Price: \$625, but all offers will be considered. Contact any AARC Officer at a Club meeting, or send email through the Club web site at the above URL.

**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) 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. Price: \$10. Contact: Mary NØTRK at AARC meeting, or email [n0trk@arrl.net](mailto:n0trk@arrl.net)

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*You may be a ham radio operator if...* You have looked for antennas, radios, and Morse Code in movies and television shows.

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## Club Calendar

<b>Sep 14</b>	7:00 PM AARC Club Meeting. Red Cross Building, 81 <sup>st</sup> & Spring St, Omaha, NE.
<b>Sep 15</b>	11:00 AM Midwest Home Brewers & QRP Group, Bredeaux Pizza, Ashland, NE.
<b>Sep 15</b>	<b>6:00 PM AARC Coffee. Perkins Restaurant, 108<sup>th</sup> &amp; L Streets, Omaha, NE.</b>
<b>Sep 19</b>	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
<b>Sep 20</b>	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE
<b>Sep 23</b>	6:00 AM Omaha Marathon support.
<b>Sep 25</b>	6:30 PM AARC Board Meeting. Village Inn, 7837 Dodge St., Omaha, NE.
<b>Sep 25</b>	6:30 PM AARC VE Session, Red Cross Building, 81st & Spring St, Omaha NE.
<b>Sep 27</b>	7:30 PM Southwest Iowa ARC Meeting. 705 N 16 <sup>th</sup> , Council Bluffs, IA.
<b>Sep 28</b>	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
<b>Sep 29</b>	8:00 AM Heartland Hams ARC Hamfest. Indian Creek Museum, Emerson, IA.
<b>Oct 10</b>	7:30 PM Lincoln Amateur Radio Club Meeting. 4647 Superior St, Lincoln, NE.
<b>Oct 12</b>	6:00 AM Market To Market Relay
<b>Oct 12</b>	7:00 PM AARC Club Meeting. Red Cross Building, 81 <sup>st</sup> & Spring St, Omaha, NE.
<b>Oct 13</b>	6:00 AM Market to Market Relay.
<b>Oct 13</b>	9:00 AM Hamboree (Iowa State Convention). 903 Topaz Drive, Sergeant Bluff, IA.
<b>Oct 13</b>	11:00 AM Midwest Home Brewers & QRP Group, Bredeaux Pizza, Ashland, NE.
<b>Oct 14</b>	1:00 PM Crop Walk.
<b>Oct 17</b>	7:00 PM Heartland Hams, 403 Railroad Ave., Glenwood, IA.
<b>Oct 18</b>	7:30 PM BARC Meeting. Masonic Hall, 1908 Franklin St, Bellevue, NE
<b>Oct 20</b>	6:00 PM AARC Coffee. Perkins Restaurant, 108 <sup>th</sup> & L Streets, Omaha, NE.
<b>Oct 25</b>	7:30 PM Southwest Iowa ARC Meeting. 705 N 16 <sup>th</sup> , Council Bluffs, IA.
<b>Oct 26</b>	7:30 PM PARC Meeting. 1900 E. Military Ave, Fremont, NE.
<b>Oct 30</b>	6:30 PM AARC Board Meeting. Village Inn, 7837 Dodge St., Omaha, NE.

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

## Area Nets

Monday	Tuesday	Wednesday
<u>7:00 PM</u> 145.290 South-West Iowa ARES Glenwood, IA.	<u>7:00 PM</u> 147.360 QCWA Hams who have been hams for at least 25 years.	<u>7:00 PM</u> 146.670 Dodge Co. ARES Dodge Co, NE.
<u>8:00 PM</u> 144.250 NE Missouri SWOT.	<u>8:00 PM</u> 50.200 6m SSB Net.	<u>8:00 PM</u> 145.310 Saunders Co. ARES Saunders Co, NE.
<u>9:00 PM</u> 146.940 AARC Social Net. Ak-Sar-Ben ARC Omaha, NE.	<u>9:00 PM</u> 145.310 Washington Co. ARES Washington Co, NE.	<u>9:00 PM</u> 146.820 Pottawattamie County ARES Council Bluffs, IA.
Thursday	Saturday	Sunday
<u>8:00 PM</u> 144.250 2-Meter SSB Net.	<u>12:00 PM</u> 146.82 Swap Net Council Bluffs, IA.	<u>8:00 AM</u> 3.902.500 Swap Net.
<u>8:00 PM</u> 146.360 Heartland DX Association.	<u>8:30 PM</u> 3.921.000 QCWA Chapter 20.	<u>8:30 AM</u> 3.896.000 3900 Club.
		<u>8:30 PM</u> 443.925+ (103.5 tone) IRLP Net.
		<u>9:00 PM</u> 146.940- Douglas Co. ARES net, KØUSA repeater.

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

## Club Meeting Minutes – August 10, 2012

*Bill WA9ASD, Secretary AARC*

The meeting was called to order at 7:02 PM by saying the Pledge of Allegiance. There were 27 attendees. Introductions by name and call.

Officers and Board members present included: Mary, NØTRK; Bill, WA9ASD; Marv, AEØEG; Adam, KDØMMG; Dave, NØJSB and John, WBØCMC.

Secretary's Report - A motion was made by Jim, KAØKCV, seconded by Barb, KCØHLB, to accept the July club meeting minutes as published in *Ham Hum*. There were no corrections required and the motion passed unanimously.

Treasurer's Report - Marv reported that the club has money and there were deposits of \$300 and payments of \$557 during the month bringing the balance in all of the accounts to \$22,361.67.

Vice President's Report - The program for the meeting will be on recycling electronics by Steve, NØUP.

Public Service – ARES/SATERN/Community Events

- Community Events - Pat, KØCTU - The MARE or Major Accident Response Event will be August 11.

There will be an OMMRS Activation - communications assistance will be needed at the following area hospitals: Midlands Hospital and the Ehrling Bergquist at Offutt. The Sarpy County EOC will be active.

The Omaha Marathon will be Sunday, September 23. There will be three distances: 10K, 1/2 marathon, and a full marathon, starting at TD Ameritrade Park. Volunteers are needed from 6 AM to 2 PM.

The Market to Market Run will be on October 13. There is an Epply Drill October 13 that conflicts with our commitment to the Market to Market run so OMMRS has been notified that we will not be participating in their drill and then a large black chicken ran out of the kitchen into the hall.

The Crop Walk will be on October 14.

- ARES - no report
- SATERN - no report

Education Committee - Mary, NØTRK - We need to decide on the next series of classes - whether they be 3 weekends or 8 weeks.

Membership Committee - Mary, NØTRK - Adam has mailed the membership cards

Publications/Web Services

- Ham Hum* - Bill, KCØSVZ - It's out.
- Web Services - Mary, NØTRK - There is a new calendar application that syncs with Google Calendar.

(Meeting Minutes continued on page 4.)

(Meeting Minutes continued from page 3.)

Repeater Committee - John, WBØCMC - It's working.

Per Mary, The NØTRK EchoLink node has been running on the repeater in the evening and on weekends all day for about a month with no problems.

Use the repeater.

Field Day Committee - It's over

QSL Committee/Technical Committee - no report

Courtesy Committee - A card was sent to the family of Joe Nanos, KØKES, and that of Marty Klein, WØQOU, previously WBØHXA.

Trailer Committee - There was a work day July 7 and the side walls are insulated. There will be another work day on August 24 and we'll work on insulating the roof.

Equipment Committee - The Kenwood TS-440SAT was sent to Burghardt for repair. The club has a number of pieces of equipment for sale. There is a list on the table for those interested. Thanks to Pat, Bill, Steve and Corby for spending the day working on the trailer and the equipment.

Public Awareness - OSFEST was a success with our table and program. We need ideas for a new program for next year. We are planning on participating in Jamboree On The Air in October.

Flea Market - Notifications have been sent to area clubs . Notifications are listed in QST, QRZ.com and eham.net. Door prizes have been selected and are being acquired. Volunteers are needed. We need early morning help for admission, parking and door prize ticket pushers. Get your tables.

Old Business - none

New Business - The Red Cross is considering removing the antenna tower as they feel it no longer meets code. This has been countered by an inspection and report identifying needed upgrades to grounding. There was a general discussion about the club supplying the materials and manpower to effect the needed work at no expense to the Red Cross to improve the club's relationship with the them.

Announcements - The club is purchasing Arrow Antennas dual-band J-Pole antennas that will be used for Flea-Esta door prizes and some sold to club members.

There will be a VE testing session at Midlands Hospital tomorrow morning.

The annual Aksarben ARC Flea-Esta will be held September 8 at the Sarpy County Fairgrounds.

Door Prize Committee - Rollie, ABØNN - The prizes are a tool bag, a 4 piece vise grip set, some tie wraps, a wire stripper and a float battery charger in addition to the Brown Bag door prize and the Mr. Reeh door prize.

At 7:39 PM a motion was made by Jim, KAØKCV, seconded by John, WBØCMC to end the meeting. Passed by unanimous vote.

Bill WA9ASD, Secretary AARC

## Contest Calendar

### September 2012

ARRL September VHF QSO Party	1800Z, Sep 8 to 0300Z, Sep 10
NAQCC-EU Monthly Sprint	1800Z-2000Z, Sep 10
CWops Mini-CWT Test	1300Z-1400Z, 1900Z-2000Z, Sep 12 and 0300Z-0400Z, Sep 13
FISTS Get Your Feet Wet Weekend	0000Z, Sep 14 to 2400Z, Sep 16
NCCC Sprint Ladder	0230Z-0300Z, Sep 14
ARRL 10 GHz and Up Contest	0600 local, Sep 15 to 2400 local, Sep 16
SARL VHF/UHF Analogue/Digital Contest	1000Z, Sep 15 to 1000Z, Sep 16
Scandinavian Activity Contest, CW	1200Z, Sep 15 to 1200Z, Sep 16
SRT HF Contest SSB	1300Z, Sep 15 to 1300Z, Sep 16
South Carolina QSO Party	1400Z, Sep 15 to 0300Z, Sep 16
QRP Afield	1500Z, Sep 15 to 0300Z, Sep 16
Feld Hell Sprint	1600Z-1800Z, Sep 15
Washington State Salmon Run	1600Z, Sep 15 to 0700Z, Sep 16 & 1600Z-2400Z, Sep 16
North American Sprint, SSB	0000Z-0400Z, Sep 16
WAB 144 MHz QRO Phone	1000Z-1400Z, Sep 16
Run for the Bacon QRP Contest	0100Z-0300Z, Sep 17
NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Sep 20
NCCC Sprint Ladder	0230Z-0300Z, Sep 21
FOC QSO Party	0000Z-2359Z, Sep 22
AGCW VHF/UHF Contest	1400Z-1659Z (144) Sep 22 & 1700Z-1759Z (432) Sep 22
BARTG Sprint 75	1700Z-2100Z, Sep 23
QRP Homebrewer Sprint	0000Z-0400Z, Sep 24
SKCC Sprint	0000Z-0200Z, Sep 26
CWops Mini-CWT Test	1300Z-1400Z, 1900Z-2000Z, Sep 26 and 0300Z-0400Z, Sep 27
CQ Worldwide DX Contest, RTTY	0000Z, Sep 29 to 2400Z, Sep 30
Texas QSO Party	1400Z, Sep 29 to 0200Z, Sep 30 & 1400Z-2000Z, Sep 30

### October 2012

ARS Spartan Sprint	0100Z-0300Z, Oct 2
German Telegraphy Contest	0700Z-0959Z, Oct 3
SARL 80m QSO Party	1700Z-2000Z, Oct 4
YLRL DX/NA YL Anniversary Contest	1400Z, Oct 5 to 0200Z, Oct 7
TARA PSK Rumble Contest	0000Z-2400Z, Oct 6
EPC Russia DX Contest	0400Z, Oct 6 to 0359Z, Oct 7
Oceania DX Contest, Phone	0800Z, Oct 6 to 0800Z, Oct 7
WAB HF Phone	1200Z, Oct 6 to 1200Z, Oct 7
California QSO Party	1600Z, Oct 6 to 2200Z, Oct 7
EU Autumn Sprint, SSB	1600Z-1959Z, Oct 6

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



W5UZQ made me put this here.

Alternately, if you're in a light-hearted mood, you can get rid of an old unit by giving it to someone when they're not looking. Or gift wrap it and leave it in your car with the windows open. Or convince a local organization that it would make an excellent door prize at their next event (just ask Anton Reeh).

Going back to the subject of harvesting components, Steve pointed out that the remainder of the equipment (chassis, cabinet, knobs, dials, etc) could also be salvaged; perhaps even sold. Scrap buyers will pay for metal and electronic parts if they're separated-out: Aluminum in one pile, copper in another, circuit boards in a third. The better the separation, the better they pay. Insulated copper is okay, but aluminum mixed with steel will kill the value.

Parts that may be an environmental hazard can be dropped off at recycling centers. For example, Lowes and The Home Depot will accept old CFLs, while Interstate Batteries will recycle old batteries and sometimes offer a trade-in allowance on a new one (20% off at the time of Steve's talk).

In all, Steve's talk was interesting and—judging from the discussions afterwards—sparked several ideas on other ways to productively scrap old equipment.

Bill KCØSVZ

## August Door Prizes

After a month's hiatus, Door Prize Chair Rollie ABØNN was back on the job and working hard; he'd brought in eight prizes to distribute for this meeting: (1) A 13" Craftsman tool bag. (2) A set of four Vice Grips. (3) Two bags of zip ties. (4) Another two bags of zip ties. (5) A wire stripper and

package of shrink tubing. (6) A Cen-Tech Automatic Battery Float Charger. (7) The Brown Bag Door Prize. (8) The ever-feared Mr. Reeh Door Prize.

Mary NØTRK did the honors and drew the tickets for the lucky winners: Claudia K1AUD won the tool bag, while the Vice Grips went to Mitch WBØGBI. Dave NØJSB and Mitch WBØBGI got the zip ties. For the wire stripper and shrink tubing, Mary drew Ralph WØSMY's name. The battery float charger—amid jokes involving water—went to Ron NØUCM. Bill KEØXQ was awarded the Brown Bag Prize, which turned out to be a Cen-Tech 7-function digital multimeter. Bill KCØSVZ was awarded the Mr. Reeh Door Prize, which was a tightly wrapped black box with two knobs, two connectors, and a seven-lug jumper wire/alligator clip combination on the back.

By "tightly wrapped," the prize was packed in an 8x6x4-inch box and a seemingly endless number of plastic bags. Unwrapping it during NØUP's talk (see page one) caused such a distraction—everybody watching it instead of Steve—forced him to stop speaking until the prize was finally revealed. No once was sure what it was, but guesses included antenna tuner and some kind of filter.

Note that the proceeds for each month's tickets go for buying next month's prizes. Each month's tickets are kept and included in the Grand Prize(s) drawing in December. The more tickets you buy each month, the better your chances of winning at the end of the year.

Bill KCØSVZ

## Saturday Night Coffee

On August 18, 2012, members of the Ak-Sar-Ben Amateur Radio Club got together for coffee, food, and discussion at Perkins restaurant. Due to vacations and other summer activities, only a small group were present: Pat KØCTU, Dick KBØKJV, Bill KCØSVZ, and Mary NØTRK. Arriving a bit later were Claudia K1AUD and Christina NØRIS.

While enjoying good food, we discussed politics (but kept it friendly), International Geocaching Day and geocaching flash mobs, and flyball dog racing, among other subjects.

Most of the topics, however, concerned ham radio and electronics. Top of the list was the upcoming Flea-Esta flea market on September 8th. We also discussed vacuum tube receivers, tubes vs transistors in audio equipment, J-pole antennas (Pat brought in an Arrow OSJ-146/144), antique radios (Remler 1937 Scottie Ivory Tube Radio San Fransisco Art Deco), Pat's and Adam KDØMMG's progress on restoring the OMMRS antenna at the Veteran's Hospital, Mary's HSMM mesh radio project (see <http://hsmm-mesh.org/> and the Want Ads in this issue of the *Ham Hum*), and the Huntsville Hamfest.

The AARC Coffee 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.

**NOTE:** In September, the Coffee get-together will be on the Saturday following the the monthly Club meeting instead of a week later. Mark your calendar.

Bill KCØSVZ

## Silent Keys

### Martin Klein, WØQOU

Marty Klein, WØQOU (formerly WBØHXA) passed away on August 3, 2012 at age 66. Marty was formerly a member of AARC, maintained a voice repeater on 444.575/449.575 in Winslow, Nebraska, and had interests in community service, emergency operations, Field Day, hamfests, and Skywarn. A Vietnam veteran and retired Air Force Staff Sergeant, Marty also served on the Winslow volunteer fire department and as town mayor.

### Kenneth Sanford, KBØDQL

Long-time Fort Calhoun amateur Ken Sanford, KBØDQL, became a Silent Key on September 4, 2012. He was 88 years old. In addition to his membership to the Ak-Sar-Ben Amateur Radio Club, Ken's interests included the Midwest Wood Carvers Association, Nebraska Mineral and Gem Club, and the Omaha Country Club Caddies Association. A Navy veteran, Ken was also a member of the Fort Calhoun American Legion Post 348, VFW Post 2704, and Tin Can Sailors.

# AARC FLEA-ESTA 2012

Door prizes were announced every half hour, with two grand prizes at the end: An Amazon Kindle Fire tablet computer and a Yaesu FT-60R 144/430 MHz hand-held transceiver. There were tables filled with new and used equipment, components, and odds & ends. A busy chef and kitchen crew provided an abundant supply of pancakes, burgers, snacks, and soft drinks.

Congratulations to all the Flea-Esta planners and volunteers who worked long hours to make this event a success!



Pat KØCTU (left) congratulates the first Grand Prize winner, Steven NØORU, who chose the Kindle Fire at the toss of a coin.



Pat congratulates the second Grand Prize winner Glen KAØHGH, who won the Yaesu FT-60R handy-talkie.