

Ham Hum

June 2016 Volume LXV1, Issue 6

Our May meeting program Susan Epps, disaster program manager for the Red Cross provided some good news and expressed a high interest in Ham Radio Communications. The good news being that the antenna, next to the Red Cross building, will soon be operational for club use. Further information can be read on page 4 in the minutes. In addition to Ms. Epps, Peter Dalieri, KE7RDM provided a presentation of the USS Hazzard at freedom park and what is next in the long process of its restoration and recovery from the 2011 flood of the Missouri River. Painting of the Hull, new sod for the park, plumbing for bathrooms, and power to USS Marlin, a training submarine.



JUNE MEETING:

The June meeting will be on 10 June 2016, 7:00 PM, Red Cross Bldg., 81st & Spring Streets, Omaha, NE .The program will be discussions on upcoming Field Days, and a recap of how the Museum Ships event went.

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.

Address Change?

If you've changed your mailing address, or would prefer to receive the *Ham Hum* via email, please contact Mary NØTRK (Membership) or Brian WEØBEP (Publications) with your new information.

AARC on the Web

Club Web Site: <http://www.aksarbenarc.org/>

Facebook: <https://www.facebook.com/aksarbenarc>

Yahoo! Groups: <http://groups.yahoo.com/group/AKSARBENTalk/>



Susan Epps addressing the AARC on Red Cross disaster programs.



Peter Daliere briefing AARC on the USS Hazzard in May 2016 meeting

Club Officers & Board Members

President	Mitch Saure	WBØGBI	president@aksarbenarc.org
Vice President	Kevin Hill	KAØVNY	vicepresident@aksarbenarc.org
2014 Secretary	Bill True	WA9ASD	secretary@aksarbenarc.org
2014 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2014-2016 Director	Russ Rosenquist	NEØG	board@aksarbenarc.org
2014-2016 Director	Barb Westcott	KCØHLB	board@aksarbenarc.org

Club Committees

Immediate Past President	Adam Kavan	KDØMMG	board@aksarbenarc.org
Courtesy Committee	Open		courtesy@aksarbenarc.org
Education	Adam Kavan	KDØMMG	education@aksarbenarc.org
Field Day	Adam Kavan	KDØMMG	fieldday@aksarbenarc.org
Flea-Esta	Chris Rice		flea@aksarbenarc.org
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Web Services	Mary Joseph	NØTRK	web_master@aksarbenarc.org

Repeater Committee

Chairman	John Gebuhr	WBØCMC	repeater@aksarbenarc.org
Vice Chairman	Steve Schmitz	NØUP	repeater@aksarbenarc.org
Control Operator	Mary Joseph	NØTRK	repeater@aksarbenarc.org
Club Call sign Trustee	Corby Krick	KØSKW	trustee@aksarbenarc.org

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EC Sarpy County	Dennis Mitchell	KCØYKN	
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Official Observer Coordinator	Bill McCollum	KEØXQ	oo_coordinator@aksarbenarc.org

AKSARBEN ARC Club Meeting - May 13, 2016

The meeting was called to order at 7:10 PM by saying the Pledge of Allegiance followed by Introductions by name and call. There were 36 attendees. Officers and Board members present included: Mitch, WBOGBI; Kevin KA0VNY; Dave, N0JSB; Bill, WA9ASD; Barb, KCOHLB; Russ NE0G and Adam, KD0MMG.

At this point Mitch introduced our speaker, Susan Epps who is Manager of Disaster Services for the Omaha Chapter of the American Red Cross. She then spoke to the members outlining a little history of the Red Cross, the coverage of western Iowa and much of Nebraska and the responsibilities of her department. One area of focus is fire safety. There were some questions concerning the Red Cross' radio communications facilities and intention and she assured us that the facilities are improving and there is a continuing desire for Amateur Radio to have an important role in the Red Cross' mission.

Secretary's Report - Bill WA9ASD - Since there were no corrections to the minutes of the last club meeting they were declared approved as published in Ham Hum.

Treasurer's Report - Dave, N0JSB reported that there were revenues of \$26.00 from meeting refreshments, \$40 from dues and \$875 from equipment sold at the Lincoln hamfest. Expenditures for April were \$19.34 for refreshments and a \$3 bank fee. This leaves a total balance on all accounts of \$21,148.85.

President's Report - Mitch, WBOGBI - Mitch reported on the upcoming auction in Grand Island of some ham equipment and the availability of some equipment locally, as requested by the widows of the deceased hams.

Vice President's Report - Kevin, KA0VNY - Tonight's program is by Peter, KE7RDM with an update on the USS Hazard and Museum Ships On The Air coming up on the first weekend in June.

Public Service

ARES - Steve, N0UP - Nothing is coming up and he appreciates the recent efforts by storm spotters.

OMMRS - Mary, N0TRK - There will be a MARE exercise on July 23 and volunteers are needed. **.SATERN** - no report

Community Events - Pat, K0CTU - The Omnium Bicycle Race will be Sunday, May 15 from 9 AM until 2 PM. This is a fund raiser for the US Olympic Team. The State Track Meet will be May 20 through 23. **Public Service** - Jim, KA0KCV - no report

Education Committee - Mary, N0TRK - There may be a class in the summer.

(Continued on page 5)

Membership Committee - Mary N0TRK - We have applications for membership from Paul Aaron, W3BWH and Jason Fink, N0JOB. There was a motion by Jim, KA0KCV with a second by Norm, WA0JYD to accept these membership applications. The motion passed unanimously.

Publications/Web Services.

Ham Hum, Brian, WEOBEP - no report

Web Services - Mary N0TRK - "It's there; it works".

Repeater Committee - John, WBOCMC - We're still waiting for the tower guy to go up the tower.

Field Day Committee - Adam, KDOMMG - We'll do it this year at the same place as last year. We need a CW station, and Information Booth person. We need people to cook, get gas and invite 'officials'. and an 'educational' activity.

QSL and Technical Committee - Ed, K0IL - no report

Courtesy Committee - no report
Equipment / Trailer Committee - Mary, N0TRK - "We sold some stuff". The trailer is functional but not done.

Public Awareness - Homestead Days at Homestead National Monument will be set-up on June 16. We will be outside and operate on 15, 20 and 40. We will be on SSB, PSK and possibly CW. Operating will continue through Sunday.

Transmitter Hunt - Due to the large number of weekend events in the next 2 months the next hunt will be announced when it can be scheduled.

Flea-Esta - Chris Rice - The Flea-Esta on September 10 is ARRL sanctioned and we need door prize ideas. Old Business - There are a number of name tags to be picked up.

New Business - Sinclair Broadcasting/KPTM wants an inventory of our equipment at their tower site, a certificate of insurance and to execute a new lease agreement with the club, per Dan N0POT.

Announcements -

There will be a license exam session at Midlands Hospital on May 14. There will be a license exam session at the Red Cross in Omaha on May 31 and in Council Bluffs on June 28.

The new Question Pool for the Extra Class License goes into effect on July 1.

(Minutes Continued from page 5)

Door Prize Committee - Adam, KD0MMG - Prizes include a lot of fun stuff including a Repeater Directory, 300 12 volt LEDs on a strip, a solar flashlight and a 20 meter mobil antenna. Tonight if your ticket is drawn for more than 1 door prize you may swap a previous prize for a new one. All tickets purchased throughout the year are retained to be included in the drawing at the December meeting. Winners must be present to win.

Cookies are available in the kitchen - please donate to fund these.

Support your local repeater with donations. The club accepts donations for any area repeater and forwards the funds to the repeater owner.

At 8:09 there was a motion was made by John, WB0CMC, seconded by Norm, WA0JYD to end the meeting. Passed unanimously.



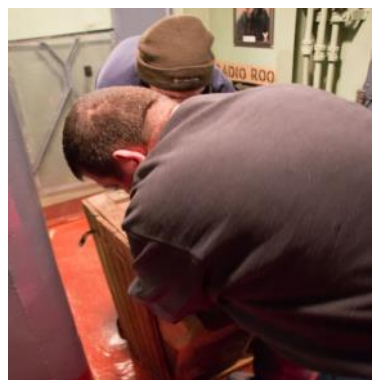
USS Hazzard AM-240



USS Marlin SST-2



Peter, KE7RDM on board the USS Hazzard in the radio room.



Pat, KOCTU and Kevin, KA0VNY unpack equipment that has not seen day light for over 72 years.

EQUIPMENT ADS

HF Amplifier - Legal Limit - 80, 40, 20, 15, 10 meters.

Finest components in a superb home-brew amplifier. Built right from the Eimac/W6SAI design. Requires a 3-1000Z tube. Power supply is disassembled consisting of motorized variac for setting HV, broadcast quality plate transformer, diode stack, swinging choke, and filter capacitors. Includes metering panel for setting and monitoring line voltage and plate voltage, line circuit breaker, etc.

RF Deck is stand-alone with vacuum variable w/ turns counter, air variable, B & W tank circuit coupled to band specific input matching circuits, meters for plate current, drive level and directional coupler and Dow-Key transfer relay. 30"H x 29"D x 21"W See Pictures at: <http://www.aksarbenarc.org> \$700 or best offer.– We deliver. Contact: equipment@aksarbenarc.org

HF Dummy Load

You don't have a transmitter that will exceed this load's rating. Unit consists of 12 X 600 Ohm 375 non-inductive resistors in parallel with UHF connector. Not enclosed. 4,500 watts continuous rating. 21"L x 6 1/2" D See pictures at:

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

\$225 or best offer contact: equipment@aksarbenarc.org

Non-Inductive Resistors

600 Ohm, 375 watts continuous. 1" X 18" ceramic. Good for high power rhombic or Beverage antenna termination. Six available. See picture at:

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

\$20 each Contact: equipment@aksarbenarc.org.

Complete HF Setup

Kenwood TS-870S AT (with DSP) HF Amateur band transceiver in excellent condition with the original manual, matching PS-52 Power Supply, SP-31 speaker, and MC-80 desk mic. A great looking and performing radio photos available at:

<http://www.aksarbenarc.org> or email equipment@aksarbenarc.org for details

EQUIPMENT ADS

(Continued)

Low Speed 120VAC Reversible Motor

Operates at 11 or 23 RPM in either direction. 1/4" output shaft. Simple to wire up. Includes capacitor for controlling direction. Great for a roller inductor or air variable in a remote tuner. Four available. See picture at:

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

\$25 each Contact: equipment@aksarbenarc.org

Samsung CLP-510 - Two Printers for the Price of One

Industrial strength color laser printer. One works good the other burned-up its line cord - unknown problem. Includes documentation, ink cartridges, ink cartridge refill tools and instructions.

\$65 for both or best offer. Contact equipment@aksarbenarc.org

Antenna Switching Panel

Includes 2 DowKey DK-60 120 vac relays, gas discharge lightning arresters for each antenna and a manual grounding switch. Allows switching between dummy load and antennas and selecting one of 2 antennas. UHF connectors.

\$75 or best offer Contact equipment@aksarbenarc.org

Tower, Antenna and Rotor

FREE - You Take It Down and You Haul It Off - Complete! 50 foot tower Cush craft Beam Antenna with 40 meters Yaesu G-800s rotator with control Nice condition Call Earl - 402 651-2508

May DOOR PRIZES

Adam KDOMNG, Provided some great prizes this month and established some new rules. You can only take home one prize. If you win a second prize, you must turn one back in if you decide to keep it; allowing others a change to win. This month Ron, WDOGCN won a new Repeater Directory. Harold, KCOZRI got what looked like an old 8mm movie reel, but in fact was a 100 foot reel of LED lights which operate on 12 volts. Brian, WE0BEP has a new Solar Crank Radio with a radio that includes the weather channel and LED lighting. Jim, KG0HQ received a 20 meter portable antenna. The Brown Bag Prize was won by Jason, NOJOB which was a power surge strip. And the Mr. Reeh Prize went to Dave, NOJSB an Anemometer probably once used by Dr. Robinson as it looked pretty old and broken in, or maybe it was just broken.

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.



Jason, NOJOB with his Brown Bag Prize, a power surge strip.



Dave, NOJSB seems pleased watching his Anemometer go round and round and round.

Apparently it put Norm asleep.

Club Calendar

Jun 10	7:00 PM AARC Meeting Red Cross, 81st & Spring St, Omaha, NE
Jun 15	7:00 PM Heartland Hams Meeting, 403 Railroad Ave, Glenwood, IA
Jun 16	7:30 PM..Bellevue ARC meeting, Bellevue Masonic Hall Dining Room, 1908 Franklin St, Bellevue, NE
Jun 18	AARC Coffee & Conversation, 6:30 PM Village Inn, 10770 M St, Omaha, NE
Jun 21	OMMRS Recruitment & Training meeting, 6:30 PM—9:30 PM
Jun 23	7:30 PM PARC Meeting, 1900 E. Military Road, 1900 E. Military RD, Tremont, NE
Jun 24	7:30 PM WSIARC Meeting, Loss Hills Chapter, Red Cross, 705 N 16th St, Council Bluffs, IA.
Jun 25	Field Day
Jun 26	Field Day
Jun 28	6:30 PM, License Testing, Council Bluffs, American Red Cross 705 N 16th St.
Jul 7	6:30 PM License Testing, Lincoln ARC, Northside Café, 2701 N 48th St. Lincoln NE
Jul 8	AARC meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE

146.940 MHz KØUSA Repeater Update.

John WBØCMC

I got up KETV's tower on 2 June and looked at the antenna. 5 nuts on the mount had never been tightened. Structurally, not a problem but could cause noise. 4 of the 4-40 screws holding the main connector were loose, one about ready to fall out. Probably the main source of the noise.

All 4 got tightened. Shaking the antenna caused a rattle inside and some noise on signals. Probably not the main source but indicates the need for a new antenna. Two of the radials have broken off (see pic) and should be replaced since they also decouple conducted noise from the mount and tower. As dry as it was today there was remarkably little noise till we started shaking things. Over all a rather successful day.



More on the Repeater Update ::::::::::>

While we were up the tower, Joe Francis, our ground crew, backed up a bit to get a better view of us up on the tower and promptly got stuck. Shawn had his own vehicle and pulled him back up on the road after we got down.

A big thank you to Joe and Shawn for their assist today.

De WB0CMC



Area Nets

Monday

7:00 PM 145.290 South-West Iowa ARES Glenwood, IA.

8:00 PM 144.250 NE Missouri SWOT.

9:00 PM 146.940 AARC Chat Net. Ak-Sar-Ben ARC Omaha, NE.

Tuesday

7:00 PM 147.360 QCWA Net, Chapter 210 (seasonal, October through March).

8:00 PM 50.200 6m SSB Net.

9:00 PM 145.310 Washington Co. ARES Washington Co, NE.

Wednesday

7:00 PM 146.670 Dodge Co. ARES Dodge Co, NE.

7:30 PM 7.122 CW Four State QRP Comfortable Net.

8:00 PM 3.564 CW Four State QRP Comfortable Net.

8:00 PM 145.310 Saunders Co. ARES Saunders Co, NE.

8:30 PM 7.122 CW Four State QRP Comfortable Net.

9:00 PM 3.580.5 PSK Four State QRP Comfortable Net.

9:00 PM 146.820 Pottawattamie County ARES Council Bluffs, IA.

Thursday

8:30 AM 7.122 CW Four State QRP 40M Morning Net.

7:30 PM 145.310- Lincoln/Omaha SATERN Net. Ashland, NE.

8:00 PM 28.350 SSB 10-Meter Net.

8:00 PM 144.250 2-Meter SSB Net.

8:00 PM 146.360 Heartland DX Association.

9:00 PM 28.305 10-Meter Net.

Saturday

12:00 PM 146.82 Swap Net Council Bluffs, IA.

8:30 PM 3.921.000 QCWA Chapter 20.

Sunday

8:00 AM 3.902.500 Swap Net.

8:30 AM 3.896.500 3900 Club.

8:30 PM 443.925+ (103.5 tone) IRLP Net.

9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

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