



# Ham Hum

March 13, 2020 Volume MCMXLV, Issue 3

February's presentation was a step down memory lane. It was from the very first half hour TV show from 1959 about ham radio located by Pat Connell. The show was produced by John Hopkins University in Baltimore. It was in black and white as this was before the days of color television. The show covered all aspects of ham radio and a number of predictions about the future of ham radio which all became true.

The most interesting part of the meeting was the discussion afterwards. There was over a half dozen attendees that got their first ham ticket back in the 1950's. They share with the group their memories on equipment, operating practice, and the fantastic peak of the 1950's solar cycle to include the new frontier found on the VHF frequencies. In the 1950's one of the big producers of ham equipment was at World Radio in Council Bluffs. Does anyone remember the national crystal company on Broadway in Council Bluffs?

March presentation will be on Fox hunting or directional finding. The presentation will be on the various styles of fox hunting to include all age groups and families. You do not have to have a license to participate in fox hunting so maybe we can get some high schools science programs involved and maybe other interested individuals.. Hopefully there will be time to discuss the possibility or an interest in a regional fox hunt being held during our club's 75th anniversary.

Pat—WØOJU

## **AKSARBEN ARC Club Meeting – February 14, 2020**

The meeting was called to order at 7:04 PM by saying the Pledge of Allegiance followed by introductions by name and call. There were 33 attendees. Officers and Board members present included: Sean, AD0QG; Pat, W00JU; Dan, N0POT; Dave, N0JSB; Brian, KE0GKB

**Secretary's Report - Brian, KE0GKB** - The minutes of the previous meeting as published in Ham Hum are accepted as published. One correction was given that the date of the board meeting was incorrect, this error was in the Ham Hum not in the minutes of the last meeting.

**Treasurer's Report - Dave, N0JSB** – As of January 31 the club accounts had balances of: Main Checking \$4490.44, Repeater Checking \$432.45 Savings \$6,990.24, CD Life Member one \$6,474.29, CD Life Member two \$6,725.17, and CD Repeater \$1,110.30 This leaves the balance of all the club accounts at \$26,222.89.

In the month of January there were deposits of \$845.00 consisting of membership dues of \$832.00 meeting treats of \$13.00.

In the month of January there were expenses of \$271.07, This consisted of \$17.96 for meeting treats, Ham Hum supplies of \$43.11, Trailer Registration of \$10.00 and Flea Esta hall deposit of \$200.00.

A donation of \$20.00 was also given to the repeater fund.

**President's Report - Sean, AD0QG** – (see notes in Old business)

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**Vice President's Report -- Pat, W00JU** - tonight's presentation will be A video of amateur radio in 1959. Next months program will be "The science of sound" presented by an audiologist, We all have some hearing loss from turning up the volume to high and wearing headphones but, he will be talking about new technology that can improve our hearing. ARES/ Disaster Preparedness/

**ARES Steve NOUP** - Check on the National Weather Service webpage for storm spotter training information.

**SATERN - Mary, NOTRK** - There will be a meeting for Satern sometime next month.

**Community Events - Pat KOCTU**- I have already collected several name for help again this year at the State Track Meet on May 22 and 23. If you would like to help or know more about what we do see me after the meeting.

**Education Committee - Rea NOREA**- I am trying to find out if anyone is interested in a General or Extra class, The Extra exam changes July 1st. If you are studying for the Extra test you might want to make one of the testing sessions very soon. We have testing sessions scheduled for the last Tuesday of each month except December. If you are interested, I am the liaison for the VE's that covers here and Council Bluffs so, if you want to take a test or volunteer as a VE or take a test get a hold of me at NOREA@ARRL.net, if you know of anyone interested in getting a class together let me know.

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**Membership Committee - Mary, N0TRK** Most of you should have received an email from Ham Club Online to whatever email I have on file. Please logon and make sure your phone number is correct. I also filled in the information I had like if you were an ARRL member and if you wanted the newsletter mailed, emailed, or both. Once things settle down, we will begin using that for mailing list so make sure your information is correct. If you did not receive the email contact me at N0TRK@cox.net or N0TRK@arrl.net

**Publications/Web Services Ham Hum - Brian, WEOBEP** - no report

**Web Services - Mary, N0TRK/Adam, KDOMMG** - The website does need to be updated a little bit. If you have content that you think would be interesting let me know. We all have different interest and go down different paths. Also, we have had request that the Vice President share the program information on the website. Some members have to drive in and if it is an interesting topic, they will make an extra effort to come to the meeting.

**Repeater Committee - John, WBOCMC** - The repeater is working!

**Field Day - Adam, KDOMMG** - No report

**QSL and Technical Committee - Eddy, K0IL** - No report

**Courtesy Committee - Bill Snyder KDOFJR** - I sent out a condolence card to the family of Gilbert Mattox W0GBM who passed away October 31, 2019.

**Trailer/Equipment Committee - Mary, N0TRK** - No report

**Public Awareness - Jim, KAOKCV** - No report.

**Transmitter Hunt - Dave, N0JSB** - no transmitter hunt this month.

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**Flea-Esta – Chris** – Flea-Esta will be at the Sarpy county fairground on September 26, 2020, we have been discussing prizes and since it is our 75th anniversary we are discussing having a really nice radio as one of the door prizes. Old Business – we have been trying to make some corrections to the bylaws, but we have found three different versions of the bylaws that are currently being used. We are working to correct this, but it will be a few more months before we have the proposed amendments ready to present to the club.

New Business – No new business

Announcements

March 22 is Girl Scouts Thinking day on the air, this is equivalent to Boy Scouts JOTA. There are many sites around the area so if you hear scouts on the air please answer back. They will be working several bands and modes. They also asked if they could use the .94 repeater for local contacts, it was approved by all members present.

John, WBOCMC has four Amateur Radio Television Transmitters for sale at \$150, the first two I sell come with a broadcast quality camera. They transmit at 7 watts. If you are interested in amateur television come see me.

SWIARC Hamfest March 7, 2020 at the McClelland Town Hall, 117 Main Street McClelland, IA

ARRL Nebraska State Convention March 14, 2020 at the Lancaster Event Center 4100 North 84th Street Lincoln, NE 68501. For more information go to <http://www.lincolnhamfest.org/>

Door Prizes – Tickets are one dollar each or six for five dollars. but you must be present to win!

Coffee and cookies are available in the break room before the program. Please donate to help offset the cost of these treats.

Also, support your local repeater. The club accepts donations for any area repeater and forwards the money to the appropriate owner.

There being no more business before the club the meeting was adjourned at 7:31 PM.

## 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

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.

### Friday

10:00 PM 224.760- Tone 146.2 Promote the Band 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.

2:00 PM 50.200 6 Meter Net

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

## BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for **24 MAR 2020 at 6:30PM**, Peony Park Hy-Vee on Cass Street, Omaha. Board meetings are held on the fourth **Tuesday** of each month.

## Club Officers & Board Members

President	Sean Edwards	ADØQG	president@aksarbenarc.org
Vice President	Pat Connell	WØOJU	vicepresident@aksarbenarc.org
2018 Secretary	Brian Sohl	KEØGKB	secretary@aksarbenarc.org
2018 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2019-2021 Director	Dave Rice	NØJSB	board@aksarbenarc.org
2019-2021 Director	Dan Buchholz	NØPOT	board@aksarbenarc.org
2018-2019 Director	Brian Sohl	KEØGKB	board@aksarbenarc.org
2018-2019 Director	Ray Blackburn	NØREA	board@aksarbenarc.org
Immediate Past President	Kevin Hill	KAØVNY	board@aksarbenarc.org

## Club Committees

Courtesy Committee	Bill Snyder	KDØFJR	courtesy@aksarbenarc.org
Education	Ray Blackburn	NØREA	education@aksarbenarc.org
Field Day	Adam Kavan	KDØMMM	fieldday@aksarbenarc.org
Flea-Esta	Chris Rice		flea@aksarbenarc.org
Membership	Mary Joseph	NØTRK	membership@aksarbenarc.org
Monday Night .94 Net	Rich Swig	WAØZQG	wa0zqg@hotmail.com
P.I.M.P.	Jim Westcott	KAØKCV	pr@aksarbenarc.org
Prizes	Open	Open	prizes@aksarbenarc.org
A.R.E.S.	Steve Schmitz	NØUP	n0up@arrl.net
Publications	Brian Pitchanau	WEØBEP	hamhum@aksarbenarc.org
QSL Manager & Technical	Ed Edwards	KØIL	qslmanager@aksarbenarc.org
Special Events Coordinator	Pat Joseph	KØCTU	community_service@aksarbenarc.org

Technical Assistance	Ed Edwards	KØIL	technical@aksarbenarc.org
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
Member	Russ Hilton	ADØQH	repeater@aksarbenarc.org

## Other Contacts

ARRL Midwest Director	Rod Blocksome	KØDAS	k0das@arrl.org
ARRL Midwest Vice-Dir.	Art Zygielbaum	KØAIZ	k0aiz@arrl.org
EC Douglas County	Steve Schmitz	NØUP	dcares@aksarbenarc.org
EC Sarpy County	Dennis Mitchell	KCØYKN	
Exams/Vol. Council	Brian Zdan	KMØY	testing@aksarbenarc.org
NE Section Manager	Matt Anderson	KAØBOJ	ka0boj@arrl.org

AARC Ham Hum Post Office Box 24551, Omaha, NE 68124-0551

## EQUIPMENT ADS

Items are sold by the Aksarben ARC and inquiries should be directed to  
[equipment@aksardenarc.org](mailto:equipment@aksardenarc.org)

### Home Brew Amplifier

A superb construction of a full legal limit HF amp. by the book. Needs only a 3-1000Z tube and HV P.S. needs to be reassembled. See Aksarben eSwap for more details. just reduced to \$500. We deliver.

**Sinclair SRL-229 Base Station Antenna.** Gain 6.1 dB (8.3 dBi). Bandwidth 6 MHz (centered @ 144-148 MHz). (Also works 440) Power rating: 300 watts, polarization: vertical. omni-directional. Lightning protection: DC ground. Termination: N-male. Length: 258". Weight 25 Lbs. Rated wind velocity: 125 MPH. Rated wind with 1/2" radial ice: 105 MPH. Horizontal thrust @ rated wind and ice load: 190 Lbs. New price: \$1,338.75 + S&H. Your price: only \$500 (OBO) The antenna has had a minor repair and is in good working order.

**For Sale: 2** new broadcast quality ATV transmitters. All do at least 7 Watts (spec). \$150 each. They will go with a tutorial. I also have a KPA5, 1 watt transmitter, price negotiable and a 15 watt base transmitter that will work off either 12V DC or 120 AC, also negotiable. All work with the Omaha system. Also available, a color camera with a broadcast zoom lens (\$25) as well as some other video equipment.

I also have exact replacements for the Icom 24AT PTT switch. Mine quit and I have replacements. It takes about 15 minutes to swap out \$1 each. The same switch will replace the function and lamp switches. Probably will work in other Icom ht's as well.

[WBOCMC@cox.net](mailto:WBOCMC@cox.net), 402 932 3443



## Club Calendar

- Mar 11** Lincoln ARC meeting 7:30PM LI-COR (4647 Superior St, Lincoln, NE  
**Mar 13** AARC meeting 7:00 PM, Heartland Chapter of the American Red Cross  
2912 S 80th Ave, Omaha, NE  
**Mar 14** Lincoln Hamfest, 4100 N 84th Street, Lincoln, NE 68507  
**Mar 18** Heartland Hams Meeting, 7:00 PM, 403 Railroad Ave, Glenwood, IA  
**Mar 19** Bellevue ARC Meeting 7:30 PM, 1908 Franklin St, Bellevue, NE  
**Mar 20** Heartland DX Association, 6:00 PM, Village Inn, 78th and Dodge, Omaha.  
**Mar 21** AARC Coffee and Conversation, 10770 M St, Village Inn Omaha, 6:30 PM  
(Corner of 108th and L Streets)  
**Mar 26** SWIARC Meeting, 7:00 PM, 705 N 16th, Council Bluffs, IA  
**Mar 26** PARC Meeting, 7:30 PM, 1900 E. Military Road, Fremont, NE  
**Mar 31** License Testing Omaha Area VE Team, 2912 S 80th Ave, Omaha, NE  
6:30 PM - 9:00 PM (American Red Cross Building)  
**Apr 2** License Testing Lincoln ARC, 6:30 PM, 2701 N 48th St, Lincoln, NE  
**May 9** License Testing Bellevue ARC, 1:00 PM 11111 S 84th St Papillion, NE  
(Midlands Hospital)

## AARC Coffee and Conversation

Every **3rd Saturday** come on out to the Village Inn at the corner of 108th and L Streets, Omaha at 6:30 PM until 9:30 PM. Enjoy selections from the menu or just have a pot of coffee and slice of a variety of pies and engage in a conversation of whatever. This is an Unofficial gathering of Club members and other area ham radio operators. Topics may not be radio related, as it could drift into discussions of the latest motion pictures to historical topics. All are welcome.

10770 M St, Omaha, NE  
(Corner of 108th and L)



ANSWER: Samuel Morse

# Des Moines Radio Amateurs Association

## HAMFEST

Saturday, April 25th, 2020

0800-1300

At The Walnut Center on the Iowa State Fairgrounds

**Featured Vendors:**           Associated Radio  
  D & L Antennas  
  RF Adapter Guy

**Admission is \$10.00** at the door. Vendor Tables: \$20.00

### DOOR PRIZES

Yaesu FTM-7250D C4M/FM Dual Band Mobile Transceiver

Yaesu FT-3DR C4FM/FM Dual Band Transceiver

ARRL Gift Certificates

Web:           <http://www.dmraa.com>

# Lincoln Hamfest

Saturday March 14, 2020

Lancaster Event Center

84th and Havelock Ave, Lincoln, NE

## Programs / Forums

- Senator Ken Haar, "The Future Ain't What it Used to Be"  
Matt Anderson, KAØBOJ, Nebraska Secont Manager ARRL
- Dan Henderson, N1ND, ARRL: "HF Radios — how to use them and HF operating"  
Joe Eisenburg, KØNEB, "Don't be Late for FT8"

## VE Exams

VE exams will be offered from 9:00 am until 1:00 pm.

## Prizes

Special prize drawings all day.

Grand Prizes drawing at 2:30 pm. Must be present to win.

- (one) \$300 gift certificate to Associated Radio
- (two) \$200 gift certificates to Associated Radio

## Talk-in

KØKKV, 146.76-

## EXHIBITORS

- Bridge Com Systems, Smithville, MO
- D & L Antenna Supply Co., Kansas City, MO
- Associated Radio, Overland Park, KS

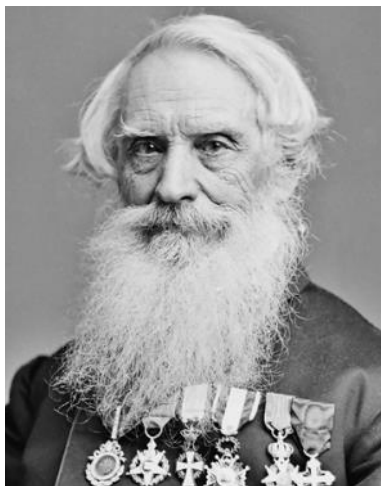
## US Amateur Radio Bands

Richard "Rich" Swig, call sign WA0ZQG, facilitates the Monday night info net on 146.940 MHz. An informal net open to all Amateur Radio Operators within reach of the "94" Repeater located 700 feet up the KETV (Channel 7) Tower near 72nd and Crown Point Ave, North Central Omaha. In the last net, he talked about operating simplex in lieu of using the K0USA Repeater. To make it an interesting topic, Rich asked why we could not go simplex on frequencies 144.10 or 147.06 or 145.80 ? A few people knew why this was not iaw FCC Regs.



When you transmit simplex, your Bandwidth is the Full 6 kHz.

Therefore on 147.80 you spill over to 150.80 kHz exceeding the 148.0 limit. Think of this as if you weigh 200 pounds and stand on a sheet of glass that is rated for 201 pounds, but you have on shoes that weigh 4 pounds, the glass will fail and break because your total weight is 204 lbs. On the lower frequency, 144.0 to 144.1 is restricted for CW only (No phone use) The 145.80 was reserved for satellite communications.



We know Rea pictured on the right, but who is his look a like on the left ?

Answer on Page 9

