



Ham Hum

January 10, 2020 Volume LXIX, Issue 1

The Elections for President, Vice-President, and Board Members were held during the December meeting conducted by Pat, KOCTU. Election Committee - Bill, WA9ASD – The election committee did meet, and we have the following nominees. For president the committee has nominated Sean Edwards AD0QG. For Vice-President the committee has nominated Pat Connell W0OJU. For board members the committee has nominated Rea Black Burn N0REA, And for Secretary the committee has nominated Brian Sohl KE0GKB.

For President Sean AD0QG: There were no additional nominees from the floor so a motion to cease nominations and be approved by acclamation by John WB0CMC with a second by Joe K0NEB, the motion passed by voice vote.

For Vice-President Pat W0OJU: There were no additional nominees from the floor so a motion to cease nominations was made by Don KE0TEN and with a second by John WB0CMC, this motion was approved by voice vote. Then a motion was made by John WB0CMC that the nominee be approved by acclamation with a second by Bill KD0FJR, the motion passed by voice vote.



Kevin. KA0VNY passes the Gravel to new President Sean, AD0QG

For Board members Rea N0REA and Brian KE0GKB: There were no additional nominees from the floor so a motion to cease nominations was made by Joe K0NEB and with a by John KE0UMQ, this motion was approved by voice vote. Then a motion was made by John WB0CMC that the nominee be approved by acclamation with a second by Julie N0WAY, the motion passed by voice vote.

AKSARBEN ARC Club Meeting – December 13, 2019

The meeting was called to order at 7:00 PM by saying the Pledge of Allegiance followed by introductions by name and call. There were 42 attendees. Officers and Board members present included: Kevin KA0VNY; Sean, AD0QG; Bill, WA9ASD; Brian, KE0GKB; Dan, N0POT; Dave, N0JSB

Secretary's Report - Brian, KE0GKB - The minutes of the previous meeting as published in Ham Hum are accepted with one correction, in the announcements Avery, K0KUP should have read Andrew K0KUP

Treasurer's Report - Dave, N0JSB – As of November 30 the club accounts had balances of: Main Checking \$3,574.65 Repeater Checking \$412.45 Savings \$6,987.87, CD Life Member one \$6,463.71, CD Life Member two \$6,725.17, and CD Repeater \$1,108.36 This leaves the balance of all the club accounts at \$25,272.21.

In the month of November there were deposits of \$48.07 consisting of \$34.00 from meeting refreshments and \$14.07 from Amazon Smile.

November Monthly expenses of \$20.45, for meeting treats.

President's Report - Kevin, KA0VNY - This is my last night as President and I would like to thank everyone who helped over the last year. Vice President's Report – Sean, AD0QG – no report ARES/Disaster Preparedness/

ARES Steve N0UP – No report

SATERN – Mary, N0TRK – no report

Continued on Page 3

Community Events - Pat KOCTU- We will be looking for help again this year at the State Track Meet on May 22 and 23. If you would like to help one or both days please let me know, all that you need is an HT.

Education Committee - Rea NOREA- no report

Membership Committee - Mary, N0TRK - Pay your dues. We are going to move to an online database called "Ham Club Online" This system will keep information like Address, License class, and License changes current automatically. If you get an email from Ham Club Online, it is not SPAM. We will be able to send out mass email, send out newsletters, and there is even a way to vote online, this is going to make managing membership much easier.

Publications/Web Services:

Ham Hum - Brian, WEOBEP - The printer is starting to have some issues where I can only print ten copies at a time. We currently send out about eighty copies each month.

Web Services - Mary, N0TRK/Adam, KDOMMG - The website is up.

Repeater Committee - John, WBOCMC - Working fine. Bill KDOFJR also passed on that the SWIARC repeater 146.82 will be undergoing maintenance so don't be alarmed if the repeater might be down over the next couple of weeks.

Field Day - Adam, KDOMMG - No report

QSL and Technical Committee - Eddy, K0IL - No report

Courtesy Committee - Bill Snyder KDOFJR - no cards sent out this month.

Trailer/Equipment Committee - Mary, N0TRK - No report

Continued on Page 4

Public Awareness - Jim, KAOKCV - No report.

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

Flea-Esta - Chris - We will be contacting the Sarpy county Fairground and reserving the hall for September 12, 2020 Meeting was suspended for election of officers. (See notes on last page)

Meeting resumed after the election of officers.

Old Business - No Old Business

New Business - A motion was made by Norm WA0JYD to purchase a new printer for the Ham Hum. After some input from Brian WE0BEP explaining that the current printer was working fine except the rollers are becoming hard and if more than 60 pages are printed at a time the printer heats up and will start to grab two sheets of paper, and that this printer was purchased when Brian took over the Ham Hum in 2005 (only 4 years ago) so there was no second for the motion, so the motion died.

A motion was made by Bill, WA9ASD that the clubs by-laws Article III Section 1 paragraph A that states. "By September of each year, the president shall designate a nominating committee whose duty it shall be to nominate the officers and board members to be elected at the next annual meeting. The committee shall consist of at least three members, with the club's immediate past president as chairperson. The nominating committee shall nominate a least one member to fill each position. The positions shall be president, vicepresident and four directors." That the last line be amended to read "The positions shall be president, vice-president and Two directors." To reflect current practices.

Continued on Page 5

A point of order was raised by Mary N0TRK that according to the bylaws this would need to be first presented at the Board meeting so a motion was made by John WB0CMC that the original motion be tabled to the board with a second by John KE0OPF, this motion was approved by voice vote.

Announcements **Joe Eisenberg K0NEB** will be doing an FT8 activation on Tuesday December 17, 2019 on the television series Last Man Standing KA6LMS

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 7:49 PM.

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)



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 **28 JAN 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

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.

Club Calendar

- Jan 8** Lincoln ARC meeting 7:30PM LI-COR (4647 Superior St, Lincoln, NE
- Jan 10** AARC Meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE
- Jan 15** Heartland Hams Meeting, 7:00 PM, 403 Railroad Ave, Glenwood, IA
- Jan 16** Bellevue ARC Meeting 7:30 PM, 1908 Franklin St, Bellevue, NE
- Jan 17** Heartland DX Association, 6:00 PM, Village Inn, 78th and Dodge, Omaha.
- Jan 18** AARC Coffee and Conversation, 10770 M St, Village Inn Omaha, 6:30 PM (Corner of 108th and L Streets)
- Jan 23** SWIARC Meeting, 7:00 PM, 705 N 16th, Council Bluffs, IA
- Jan 23** PARC Meeting, 7:30 PM, 1900 E. Military Road, Fremont, NE

- Feb 6** License Testing Lincoln ARC, 6:30 PM, 2701 N 48th St, Lincoln, NE
- Feb 8** License Testing Bellevue ARC, 1:00 PM 11111 S 84th St Papillion, NE (Midlands Hospital)
- Feb 14** AARC Meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE

ARRC to Help Beta Test HamClubOnline

The Ak-Sar-Ben Amateur Radio Club will be testing a new service called HamClubOnline.com. Ham Club Online is an amateur radio club management tool that will make it easier for the membership committee to keep track of your data. As this year's dues are processed, you will be added to the new online system. You will receive an email from hamclubonline.net with this subject line:

[AkSarBenARC] You have been added to the AARC online database

The body of the email will be something like this:

Congratulations! Your application to AkSarBenARC has been accepted and you have been added to the club roster. You may access the private club roster, calendar and other member only information by visiting www.hamclubonline.com. If it is your first time using HamClubOnline, click on the forgot password link to receive a password.

Please take a few minutes to log in and make sure we have your phone number and your preferred email address. Also please update if you are an ARRL member or not by checking the "View and Update Your Skills". You can also add that you want to receive an emailed copy of the Ham Hum or a Mailed Copy of the Ham Hum (or both).

Welcome aboard!

If you don't have an email address, that is okay, you can still add you to the roster.

Some of the features of this system are: automatic email reminders of dues being due, simple distribution of newsletters and other communications, auto-tracking of call sign changes, license upgrades and address changes, (this is all pulled from the FCC database) club event tracking and soon online payments. This puts you in control of your contact information and you can check your membership status.

Make sure you log in and update your ARRL Membership status and how you would like to receive the Ham Hum as soon as you get your notification!

- AARC Membership Committee

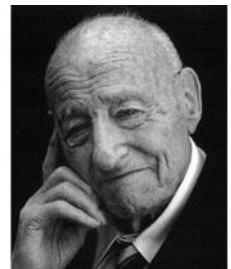
I believe most of us have heard of **Dick Tracy** who made his debut in 1931. As a plain clothed detective he was aired on NBC and ABC networks. One of his trademarks was his Two-Way Radio, no larger than a watch, which he wore on his wrist. 80 years later the world has caught up with Mr. Tracy as people are communicating with a wrist watch just like Dick. However, as we enter the 2020 decade, these watches do so much more; from phone calls, to texts, to emergency assistance around the world, a watch with cellular lets you leave your phone behind and still stay connected. You can get a quick read on your heart rhythm with an ECG application. It can monitor your surrounds and warn you when decibels rise to levels the can impact your hearing. And Music too.



Alfred Gross

Who were the pioneers of the handheld transceiver or HT radios? Well it was during the years from 1934 to 1941 when the first hand-held two way transceiver was developed. Credit goes to two individuals, Alfred J **Gross** and Donald L **Hings** pictured on the right.

Alfred Gross interests in radio began when he was nine years old while traveling on Lake Erie by a steam-boat. Exploring around on the boat, he came upon the radio room. The radio operator let young Alfred listen in on transmissions. He setup a radio station in the basement of his house, built from parts gathered. AT sixteen he acquired his amateur radio license, W8PAL.



Donald Hings



In 1937, Donald Hings developed a portable signaling system for CM&S, which he called “packset” and later on became known as a walkie-talkie

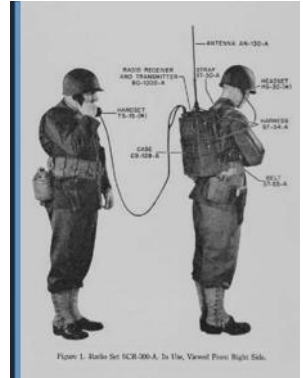
Three year later, 1940, an engineering team at the Galvin Manufacturing Company (later to become Motorola) developed a radio receiver/transmitter, the packpacked Motorola SCR-300, which they also nicknamed walkie-talkie.

You may have seen radios such as these in world war 2 and Korean war movies. Below is the C-58 Walki-Talkie Production Model, era 1943. Features of the C-58 included a range of antennas and power supplies, voice scramblers to protect privacy and enhance security and

even a filter to remove battle noises from communications so messages could be received loud and clear even during gunfire and engine noise.

The Motorola SCR-300 was one of the first two-way radio devices and was so vast it could only be transported in

a backpack. Some people argue that the first walkie-talkie was created way back in 1933. However, these devices only communicated in code and drew power from vehicles. It is also incorrect to say that Al Gross invented the device in 1938 – Hings was already producing his radios by this point.



Winter Field Day

January 25 / 26 2020



Winter Field Day (WFD) starts Saturday 3:00 PM (CST) and runs until Sunday 3:00 PM (CST). A full 24 hours of Indoor, Outdoor, or Home fun for Ham Radio operators to hone their emergency operating preparedness and develop field operation. With the exception of 12, 17, 30 and 60 meters, Ham operators will setup stations for communications on HF, VHF, and UHF bands.

This event will most likely be addressed at the January 10, 2020 club meeting for those interested in being “Shack Captains” or those wishing to stop be to observe as well as participating in making contacts.

Did you know the left foot rest in some Jeeps carries this Morse code message:
ROCKS RIVERS SNOW SAND?

