



Ham Hum

August 2019 Volume LXIX, Issue 8

The July Program was a presentation of Antenna building for 2 meter use. The theme for his topic was simply “2-Meters, Use it or Lose it” Are Ham Radio operators in danger of losing 2 meters? There are some discussion out on the internet if you google “Ham Radio, 2 Meters, use it or lose it”.

Pictured at the right is the Club Vice President Sean Edwards, ADOQG. Sean provided different 2 Meter Antennas he built used for different applications; Di-Pole, Vertical, and J-Poles.



He went over, based upon the frequency to be used, the length the antenna should be in order to have it tuned properly. Example: For a 1/2 wave antenna tuned at 146 Mhz, you Divide 468 by 146 which equals 3.20 feet. Then divide 3.20 by 2 which equals 1.6 Feet, Times 12 to convert to inches equals 19.23 inches.

Sean included in his presentation J-Pole type antennas developed and patented by Dr. Edison “Ed” Fong, a faculty member at University of California Santa Cruz. Call sign WB6IQN, has triband base antennas and dual band antennas as well as five others available at moderate prices. Dr. Fong has published numerous articles on these antennas in QST and CQ (QST March 2017, QST February 2003 and QST March 2007, CQ Summer 2012). They also appear in the ARRL VHF/UHF Antenna Classics, ARRL Vol 8 Antenna Compendium, ARRL Vol. 3 Antenna Compendium.

The Program for August 9, 2019

Steven Narans (WB0VNF) from Fremont, NE will talk about amateur Radio Activities relating to the Flooding this year.

AKSARBEN ARC Club Meeting – July 12, 2019

The meeting was called to order at 7:02 PM by saying the Pledge of Allegiance followed by introductions by name and call. There were 32 attendees.

Officers and Board members present included: Kevin, KA0VNY; Sean, AD0QG; Brian, KE0GKB; Dave, N0JSB; Dan, N0POT; Bill, WA9ASD.

Secretary's Report - Brian, KE0GKB - The minutes of the previous meeting as published in Ham Hum are accepted with no corrections.

Treasurer's Report - Dave, N0JSB - As of June 30 the club accounts had balances of: Main Checking \$2,817.23 Repeater Checking \$550.62 Savings \$6,982.01, CD Life Member one \$6,454.77, CD Life Member two \$6,701.43, and CD Repeater \$1,106.41 This leaves the balance of all the club accounts at \$24,612.47.

In the month of March there were deposits of \$27.00 Consisting of: \$27.00 from Refreshments.

Monthly expenses of \$520.83 consisted of \$20.83 for meeting treats and \$500.00 for Flea Esta Hall rental. A motion to accept the financial report was made by Rea NOREA with a second by Norm WA0JYD, a voice vote approve the report.

President's Report - Kevin, KA0VNY - We are looking to into forming a recruiting and retention committee to increases our membership, if you would be interested please see me. There are approximately 1100 hams in the Omaha area and many of them not affiliated with any club so there is opportunity to increase our membership so if you know of any invite them to a meeting.

Vice President's Report - Sean, AD0QG - Tonight's program will be

"2 Meter antennas and 2 Meter use it or lose it" a discussion of possible changes to the 2-meter band being discussed. by Sean, AD0QG.

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ARES/SATERN/COMMUNITY EVENTS

ARES Steve NOUP - No report.

OMMRS - Mary, NOTRK - No Report.

SATERN - Mary, NOTRK - I will be heading out to a disaster drill on Sunday morning.

Community Events - Pat KOCTU Corporate Cup run is coming up on September 8, the day after the Flea-Esta, I will be reaching out to those that have helped in the past, if you would like to help out an HT is about all you will need so, send me an email at my call sign at cox.net. then on October 12 will be the Market to Market Relay but we don't have any additional information at this time.

Education Committee - Rea NOREA- we are having a class for technician starting Tuesday July 30 starting at 7:00 PM you can sign up through the web and so far we have three signed up. with a test date of September 24. It will be at the ConAgra room at the Red Cross. **Membership Committee - Mary, NOTRK** - We have a new member application, John Scott KE0VYG. He is a newly licensed Ham and received his Technician class just last month. A motion to accept his application was made by Rea NOREA with a second by Norm WA0JYD. John was confirmed by a unanimous vote.

Publications/Web Services Ham Hum - Brian, WEOBEP - I was down in Florida for a few weeks taking care of family business so, I would like to thank Bill (XX0XXX) for getting the Ham Hum out, electronically via email; things are back to normal now.

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Web Services - Mary, N0TRK/Adam, KD0MMG - The website is working.

Repeater Committee - John, WBOCMC - The repeater is working fine, on a side note the ATV repeater took it's first hit and blew up a ceramic capacitor so I had to fix that so it should be back in-service tomorrow.

Field Day - Adam, KD0MMG - We had a decent time although we did have to shut down a little early because of lightning, we decided to come back the next morning since everyone was tired. We only missed a couple of sections mostly in Canada, we also missed Alaska and Hawaii, we did have a satellite contact with a club in Utah. I will have a more complete report next month.

QSL and Technical Committee - Eddy, K0IL - No report

Courtesy Committee - Bill Snyder KD0FJR - Three cards were sent out this last month to JD from Heartland Hams wife passed away, KC0FAN Whose father passed away, and K0JAC passed away.

Trailer/Equipment Committee - Mary, N0TRK - No Report

Public Awareness - No Report.

Transmitter Hunt - Dave, N0JSB - This Sunday at 3 pm in Memorial Park

Flea-Esta - Chris - Flea-Esta is September 7 at Sarpy County Fair Grounds, I have the forms for tables they are \$8 in advance and \$10 the day of. We are still looking for ideas for door prizes.

Old Business - No Old Business

New Business - No New Business

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Announcements

John, WB0CMC needs help putting his antennas back on his roof after the windstorm.

Ragbrai will start in Council Bluffs this year and SWI-ARC has volunteered to assist with comms this year. Please visit swiradio.org for more information.

North Bend Hamfest is tomorrow.

Door Prizes - We are looking for a volunteer to take over the duties of the Door Prize coordinator, Adam has done an excellent job for several years now, but other obligations now demand his attention, so he has asked to step down. If you would be interested, please see Kevin.

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 7:32 PM.

The next **Coffee and Conversation** is August 17 at the Village Inn --- 10770 M St, Omaha, NE

This is an Unofficial gathering of AARC members and other area ham radio operators to enjoy great food and talk about whatever.

Come on out... 6:30 PM — 9:30 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 **27 AUG 2019 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	Kevin Hill	KAØVNY	president@aksarbenarc.org
Vice President	Sean Edwards	ADØQG	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	Barb Westcott	KCØHLB	board@aksarbenarc.org
Immediate Past President	Bill True	WA9ASD	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	Adam Kavan	KDØMMM	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

- Aug 9** AARC Meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE
- Aug 10** License Testing, Bellevue ARC at Midlands Hospital, Papillion, NE 1:00 PM
- Aug 14** Lincoln ARC meeting 7:30PM LI-COR (4647 Superior St, Lincoln, NE
- Aug 15** Bellevue ARC Meeting 7:30 PM, 1908 Franklin St, Bellevue, NE
- Aug 16** Heartland DX Association, 6:00 PM, Village Inn, 78th and Dodge, Omaha.

- Aug 17** AARC Coffee and Conversation, 10770 M St, Village Inn Omaha, 6:30 PM (Corner of 108th and L Streets)
- Aug 21** Heartland Hams Meeting, 7:00 PM, 403 Railroad Ave, Glenwood, IA
- Aug 22** 7:00 PM SWIARC Meeting,, 705 N 16th, Council Bluffs, IA
- Aug 22** 7:30 PM PARC Meeting, 1900 E. Military Road, Fremont, NE
- Aug 27** License Testing Council Bluffs, 6:30 PM, 705 N 16th St

- Sep 5** License Testing Lincoln ARC, 6:30 PM, 2701 N 48th St, Lincoln, NE
- Sep 11** Lincoln ARC meeting 7:30PM LI-COR (4647 Superior St, Lincoln, NE
- Sep 24** License Testing Omaha ARC, 6:30 PM 2912 S 80th Ave, Omaha, NE

1). To which country does the callsign **HBOASW** belong?

A:Switzerland

B:Austria

C:Andorra

D:Liechtenstein

2). What, in ham lingo, is a “lid”?

A: A bad or inconsiderate operator.

B: A Light Intensifying Diode.

C: An antenna made out of bottle caps.

D: A Limited Incline Dipole.

3). True or False: 3db + 7db = 10db

4). In early broadcast and amateur radio, what is the primary use of a “Condenser”?

A: A high gain microphone element incorporating metal ribbon & magnet.

B: Similar to a radiator, a cooler for high powered transmitters.

C: We call them capacitors today.

D: A device which "condensed" wide bandwidth spark signals into more reasonable, narrower signals

5). Which are USA Callsigns: AM0B, AT3DD, AX7A, US1AA

Answers are on page 12

AK — SAR — BEN — An



FLEA —

September

8:00 am to 12:00 noon

Sarpy County Fair Grounds

Admission is \$5 at the door. Table rental is \$ 10 day of the event. Or \$ 8 if paid in advance. POC is Chris Rice.

flea@aksarbenarc.org

Food: Breakfast: biscuits and gravy

Lunch: Sloppy Joes

Sodas and Water

Coffee available all day during the event.

Prizes include 1,000 Watt Inverter Generator,

VHF Radio with Antenna, End Fed Antenna for 10—80 M

Plus more.

Amateur — Radio — Club

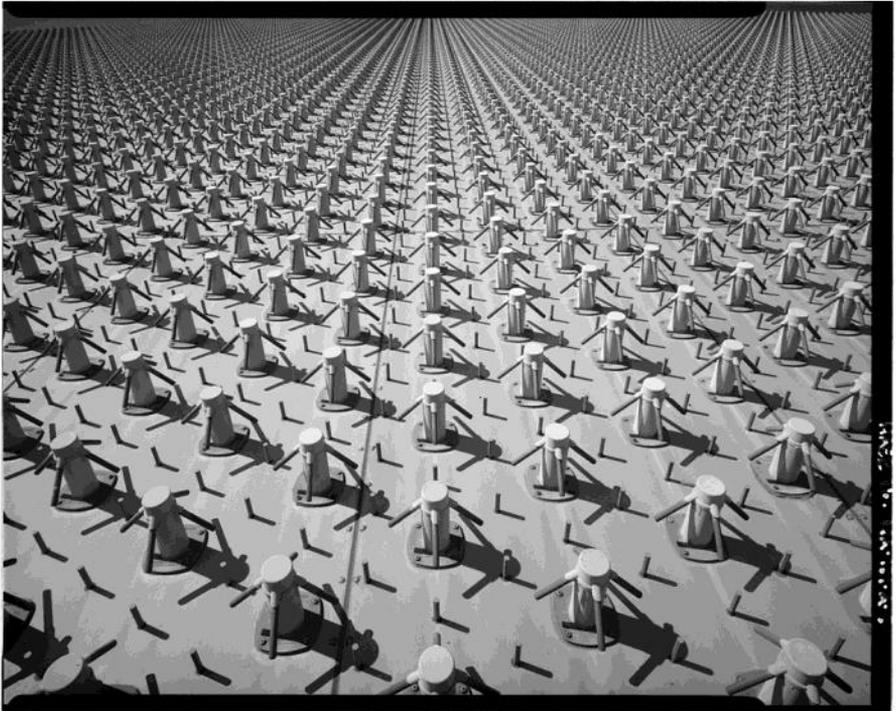
— ESTA



7th 2019



Can You Identify This ?



There are some 2,677 crossed-dipole elements in this antenna.

2019 NE QSO PARTY

A Nebraska QSO Party is planned for Saturday, 7 September 2019.

Rules and Other information are currently posted on the QCWA Chapter 25 page at www.qcwa.org/chapter025.htm

Or for the rules: <https://www.qcwa.org/2019-ne-qso-party-rules.pdf>

Five questions answers are:

D A True C None