



# Ham Hum

June 10, 2022 Volume LXX, Issue 06

## June Club Program

This month's program will feature audiologists from Boys Town National Research Hospitals (BTNRH) discussing the science of hearing, hearing conservation, how hearing aids can interface with your radios, phone, cochlear implants etc. Additionally they will discuss technology development on the horizon. It should be very interesting as BTNRH researchers are some of the foremost experts in audiology in the world!!

Submitted by Pat Connell W0OJU

## July Club Program

Several members went to Dayton 2022 HamFest and we hope to find out what they learned, what the future holds, and what treasures did they bring home.

## Spring Picnic

There were approximately 30 hams and their "plus one" attended the year's May Picnic. It was at time a little chilly but a good time was had by all. A special thanks to John Filer ABOZT, picnic organizer and head cook. Dave and Chris Rice for putting up our club banner at the park entrance. Additionally, we had 12 AARC directional signs made up for this and future events. Mary Kunes-Connell made a special balsamic potato salad for all to share.

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Keith McKinney KE0AEP bought out and demonstrated his HF/VHF Go station with antennas. There was a lot of great discussions and we hope to see more of you at the next picnic.

We are looking for a fall picnic site in one of Omaha's park and will keep you informed.

Submitted by Pat Connell W0OJU

## 2022 Field Day

We have sent out a survey to determine interest in activating K0USA club station. The board are exploring options and will have a report at the June meeting. We are hoping to have three stations active using emergency generators at Boys Town. Additionally we will have a special guest op from Northern Iowa will be joining us at the 2022 FD.

Ed KOIL sent out this recap of past Field Days that I thought you might find of interest.

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Last week, June 4th was Museum ships on the Air.

More than 100 museum ships were expected to be on the air. Most operating SSB or CW in the General class band segments. SSB: 3860, 7260, 14,260, 18,160, 21,260, 24,960, 28,360, and 50,160 kHz.

K0USA operated from Omaha's Freedom Park aboard the USS Hazard mine sweeper. Results should be available at the next Ak-Sar-Ben-ARC meeting 10 Jun 2022.





## AK-SAR-BEN ARC Field Day Scores

Year	Call sign	Score	# of QSOs	Class	Pwr	# of People	NE Pos.	Class Pos.	# in Class	Location	Comments
1978	WØEQU	3,357	1,169	4A	B	65		51	159	Boys Town	Lincoln beat us (Barely!).
1979	WØEQU	5,750	2,044	5A		50		20		Boys Town	Beat Bellevue
1980	WØEQU	10,568	3,806	5A	B	50	1	3	113	Boys Town	Beat Bellevue(5A), PhD ARC(3A) & KCARC(5A)! 1 <sup>st</sup> in Ø-land
1981	WØEQU	5,916	2,134	5A	B	50		24	118	Boys Town	Beat Lincoln(3A).
1982	WØEQU	5,686	2,098	5A		50		19		Boys Town	Lincoln(4A) beat us.
1983	WØEQU	5,992	2,272	4A		83		22		Boys Town	Beat Bellevue (5A), SWARC(5A) & Lincoln(3A)
1984	WØEQU	850	175	3A		3					Only 3 ops!
1985	WØEQU	1,481	894	4A		29					
1986	WØEQU										No Entry. No Log sent in.
1987	WØEQU	2,698	905	3A		38					
1988	WØEQU	4,958	1,472	7A		58		9			
1989	WØEQU	3,740	1,092	6A		25		24			
1990	WØEQU	5,212	1,787	7A		28		5			
1991	WØEQU	5,610	1,697	5A		26		12			
1992	WØEQU	5,232	1,645	5A		75	1	26			Beat Bellevue (5A) & Lincoln (4A)
1993	WØEQU	7,370	2,808	5A		24	1	10			Beat Bellevue (5A) & Lincoln (4A)
1994	WØEQU	4,566	1,644	4A		44	1	29		Mt Michael	Beat Bellevue (5A) & Lincoln (4A)
1995	WØEQU	4,896	1,450	5A		53	1	16		Mt Michael	4 <sup>th</sup> in Ø-land
1996	WØEQU	4,254	1,524	5A		50	1	19		Mt Michael	Only 12 hrs operation. 1 <sup>st</sup> in NE & IA
1997	KØUSA	8,182	2,723	5A	2	43	1	3	83	Mt Michael	1 <sup>st</sup> in Midwest Div, 1 <sup>st</sup> in Ø-land, 40 <sup>th</sup> overall
1998	KØUSA	7,668	2,731	5A	2	70	1	4	68	Mt Michael	1 <sup>st</sup> in Midwest Div, 2 <sup>nd</sup> in Ø-land, 58 <sup>th</sup> overall
1999	KØUSA	10,688	3,956	5A	2	46	1	7	90		1 <sup>st</sup> in Midwest Div, 5 <sup>th</sup> in Ø-land, 32 <sup>nd</sup> overall
2000	KØUSA	11,388	4,057	5A	2	62	1	4	90	Standing Bear Lake	1 <sup>st</sup> in Midwest Div, 2 <sup>nd</sup> in Ø-land, 24 <sup>th</sup> /2043 overall
2001	KØUSA	9,316	2,986	6A	2	73	1	6	49	Standing Bear Lake	1 <sup>st</sup> in Midwest Div, 3 <sup>rd</sup> in Ø-land, 50 <sup>th</sup> /2064
2002	KØUSA	9,274	2,974	5A	2	60	1	7	97	Standing Bear Lake	1 <sup>st</sup> Midwest Div, 3 <sup>rd</sup> in Ø-land, 63 <sup>rd</sup> /2100 overall
2003	KØUSA	6,640	1,652	5A	2	40	1	9	74	Standing Bear Lake	5 <sup>th</sup> Midwest Div, 12 <sup>th</sup> in Ø-land, 108 <sup>th</sup> /2085 overall
2004	KØUSA	12,040	3,269	8A	2	37	1	1	6	Standing Bear Lake	1 <sup>st</sup> Midwest Div, 3 <sup>rd</sup> Ø-land, 23 <sup>rd</sup> /2250 overall; w/HDXA
2005	KØUSA										No entry. No log sent in.
2006	KØUSA	406	34	2A	2	4	14	449	455	Standing Bear Lake	1831 <sup>st</sup> /2183 overall
2007	KØUSA	682	232	2F	1	10	8	60	68	Douglas County EOC	1670 <sup>th</sup> /2333 overall
2008	KØUSA	1,314	322	2A	2	15	6	322	441	Wanam Creek Rec Area	1261 <sup>st</sup> /2409 overall
2009	KØUSA	1,480	465	3A	2	25	7	234	304		
2010	KØUSA	1,464	248	5A	2	21	6	64	73	Standing Bear Lake	
2011	KØUSA	1,904	558	6A	2	20	5	32	37	Standing Bear Lake	
2012	KØUSA	2,762	653	8A	2	40	4	11	14	DCSO Crime Lab	
2013	KØUSA	2,548	546	7A	2	21	4	7	16	DCSO Crime Lab	
2014	KØUSA	4,092	1000	7A	2	30	2	8	17	DCSO Crime Lab	
2015	KØUSA	7,032	1874	9A	2	35	1	3	5	DCSO Crime Lab	
2016	KØUSA	3,298	833	7A	2	15	2	11	17		16th Midwest Div
2017	KØUSA	4,102	1297	6A	2	35	3	17	39	Freedom Park	15th Midwest Div
2018	KØUSA	3,638	985	7A	2	23	2	13	20	Freedom Park	14th Midwest Div
2019	KØUSA	1,918	611	6F	2	18	4	4	4	Red Cross	
2020	KØUSA	754	152	2E	2	3	19	54	95	Salvation Army	Covid19 FD
2020	Club total	6,110	1341	N/A	n/a	12	1	N/A	N/A	Multi-Op at home	AARC Club Aggregate Score: 1st place NE

## Club Officers & Board Members

President	Pat Connell	WØOJU	president@aksarbenarc.org
Vice President	John E Fifer, Jr	ABØZT	vicepresident@aksarbenarc.org
Secretary	Terry Begley	KEØOPB	secretary@aksarbenarc.org
Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2021-2022 Director	Dave Rice	NØJSB	board@aksarbenarc.org
2021-2022 Director	Dan Buchholz	NØPOT	board@aksarbenarc.org
2022-2023 Director	Terry Begley	KEØOPB	board@aksarbenarc.org
2022-2023 Director	Open		board@aksarbenarc.org

## Club Committees

Courtesy Committee	Bill Snyder	KDØFJR	courtesy@aksarbenarc.org
Education	Open	Open	education@aksarbenarc.org
Field Day	Pat Connell	WØOJU	
Flea-Esta	Open		
Membership	Mary Joseph	NØTRK	membership@aksarbenarc.org
Monday Night .94 Net	Rich Swig	WAØZQG	wa0zqg@hotmail.com
Public Relations	Jim Westcott	KAØKCV	pr@aksarbenarc.org
Prizes	Open	Open	prizes@aksarbenarc.org
Publications (Ham Hum)	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	Greg Ervin	KCØVTO	
EC Sarpy County	Dennis Mitchell	KCØYKN	
Volunteer Council	Brian Zdan	KMØY	
NE Section Manager	Matt Anderson	KAØBOJ	ka0boj@arrl.org
VE Exams/ARRL Liaison	Open		testing@aksarbenarc.org

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

# Area Nets

## Monday

- 7:00 PM 145.290 South-West Iowa ARES Glenwood, IA.
- 7:00 PM 146.940 Western Division HQ SATERN Net Omaha, NE.
- 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 147.360 Heartland DX Association.
- 9:00 PM 145.175 NE D-Star Net also on REF002C though internet.

## 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 3.897.500 3900 Club.
- 8:30 PM Locally IRLP and the Nebraska IRLP net is heard on:
  - 145.410 - 97.4 PL ABOVX Honey Creek
  - 444.800 + 97.4 PL ABOVX Honey Creek
  - 444.925 + 136.5 PL KOBVC Mondamin
  - 146.745 - 136.5 PL KOBVC Portsmouth
  - 223.580 (Simplex) 100 PL KOOQL North Omaha
- 2:00 PM 50.200 6 Meter Net
- 8:00 PM 144.250 2-Meter SSB Net.
- 9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

94 remote RX

**John WB0CMC**

Monday the 9<sup>th</sup> of May I swapped out the remate RX at the IA Western site. I met Paul, GXD who let me in and helped with the swap. It is now working fine and the old one is in my basement getting fixed, probably due to MEESES building nests on or near it. New RX system. 22 PS top, 34 control next, 34 PS Hams are the only occupants of the building now.



Left, UHF TX on the 34 RX (right on shelf).

Below is the Cavity for both 22w and 34, bottom.



**May Board Meeting** As our Secretary was off on another adventure, we did not have anyone to take formal minutes. In summary, we spent time talking about the upcoming May picnic, Field Day, upcoming parade, and future programs.

On Field Day we talked about Boys Town and how do we determine operating interest, food fuel, and number of potential stations. It was decided to send out “survey to determine” interest, to guide our planning at the next board meeting.

John Fifer has found a trailer to use for the parade.

Regarding picnic, it was determined that we need some directional signs, and Pat Connell volunteer to 8 to 12 signs that we could use into the future.

Recent Ham Radio news from the Ukraine. Ham Radio in a variety of formats have become a way for displaced Ukrainians to get welfare communications back to their home country and vice versa. We thought you might find of interest a recent article titled “How shortwave radio is resurfacing as a tool in Ukraine” to be of interest. The link is <https://www.ctvnews.ca/sci-tech/how-shortwave-radio-is-resurfacing-as-a-tool-in-ukraine-1.5894366>. If you find other timely articles like this one, please forward to me at [phconnell@cox.net](mailto:phconnell@cox.net). – Pat WOOJU

Amateur Radio Newsline™ is a free service to the amateur radio community. They produce a weekly audio news bulletin called a “QST” or “bulletin of interest to radio amateurs” that is delivered by a downloadable MP3 audio file from their website or through a podcast subscription. All participants in the production of the Amateur Radio Newsline™ bulletins are professionals or trainees in the news media who have volunteered their time and skills to help prepare each weekly bulletin. Operations are supported primarily by voluntary donations from individual amateurs and amateur radio clubs. They are a 501(c)(3) Federal tax-exempt corporation and most contributions made to us are tax deductible. Their link is: <https://www.arnewsline.org/>. Submitted by Pat WOOJU.

## Marconi's First Transmission over the "Big Pond"

The hobby of amateur radio, and portable operating in particular, will receive some television coverage on Sunday, 5 June 2022.

The long-running BBC *Countryfile* programme airs at 6pm on BBC 1, and features [Flat Holm island](#) in the Bristol Channel; the site of Marconi's first radio transmissions over sea.

Presenters Ellie Harrison and Matt Baker will be with leading [Summits on the Air](#) (SOTA) operator Ben Lloyd, GW4BML as he sets up a portable station on the island in order to contact SOTA activators on hill and mountain summits around the UK.

From the Radio Society of Great Britain – Main Site <http://rsgb.org/main/blog/news/gb2rs/headlines/2022/06/01/amateur-radio-to-be-shown-on-television/>

**Ham Radio News from the Southern Hemisphere. – by Pat W0OJU** We all appreciate finding free and useful stuff. One such treasure is QTC, which is a free Ham Radio magazine from Australia.

The current issue has articles on:

- Powerline noise and bushfire risk
- Establishing a remote HF station
- Why not use 1 kW...?
- QRN Guru
- How's your noise floor?
- The saga of the network switch and 20m QRM
- Low power wireless charging: friend or foe?

You can download the May 2022 QTC PDF at <https://vkradioamateurs.org/wp-content/uploads/2022/05/QTC-May-2022-final.pdf>

If there are other free publications you want to share, send a link and description to [phconnell@cox.net](mailto:phconnell@cox.net) and we hopefully will have space in future issues of HamHum.