

# Ham Hum

Oct Volume MMXVIII, Issue 10

## D-STAR Communications

For the September meeting, Wade Watts KE0RNT gave a talk on D-STAR (Digital Smart Technologies for Amateur Radio). He described its various operating modes, such as point-to-point, repeater, interfacing to the Internet, and reflectors, among others. He stated that a properly configured D-STAR transceiver permits communicating with other D-STAR users in the city, across the country, and in other parts of the world.



Wade discussed how to get started with D-STAR and register your first rig. The process is free and need only be done once. The data is decentralized and can be automatically applied to any new rig you buy. He also described crossband operation, modules, and repeater control.

Wade stated that there are apps available to interface an Android to D-STAR for text and picture communications. The interface can be through Bluetooth or USB, though USB isn't as reliable on Samsung devices. He pointed out that pictures and text can be useful when working at a disaster.

Wade also provided a handout that gave some essential information on D-STAR and listed some local hams who will help you get registered. On the list are Corby K0SKW, Bryan K0BNM, Wade KE0RNT, Brian N1OP, and Kyle A0OZC.

## **AKSARBEN ARC Club Meeting – September 14, 2018**

The meeting was called to order at 7:12 PM by saying the Pledge of Allegiance followed by introductions by name and call. There were 34 attendees.

Officers and Board members present included: Bill, WA9ASD; Brian, KE0GKB; Dave, N0JSB; Dan, N0POT;

**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** - In the month of August there were deposits of \$345.12 Consisting of: \$20.00 from Membership, \$21.00 from Treats, \$40.00 from Equipment Sales, Amazon Smile \$15.12 and Education books \$250.00

Payments of \$23.94 for meeting treats, \$176.90 for Flea-Esta Prizes and Printing, \$230.60 for Education books, \$177.61 for Ham Hum supplies.

This leaves the balance of all the club accounts at \$23,436.63

### **President's Report - Bill, WA9ASD**

Bill, KE0XQ will be resigning as courtesy Committee at the end of the year. He has been a valuable asset to the club and to the ARRL, in addition to being the Courtesy committee chair for many years he has also been a Section Manager, Official observer and many other positions for ARRL, we would like to thank him for his service.

This also brings up that the nomination committee will be formed this month. We need to elect two board members as well as the President and Vice-President. If you would like to be considered or know of someone interested, please let one of the board members know. Also, we are always in need of people to serve on the many committees, while we seldom have disasters like are happening in the Carolinas we do provide a valuable service to the community, and example would be a

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medical emergency during the corporate cup run where the radio operators were able to summon help quickly. These services that improve the quality of our lives in Nebraska are administered by these committees. We would encourage all of us to assist in these endeavors.

### **Vice President's Report - Bill, WA9ASD**

Tonight's program is "DSTAR" by Wade Watts ke0rnt. Next Month's program will be "What's going on in Nebraska and the ARRL" by Matt Anderson, KA0BOJ Nebraska Section Manager

### **ARES/SATERN/COMMUNITY EVENTS**

**ARES Steve, NOUP** - No events or training scheduled but there are several nets that are being setup to support efforts after the hurricanes get through the Carolinas. If you are on HF, please listen first to insure no emergency traffic is using the frequency. The frequencies in use are 14.265 Primary and 14.312 secondary, additionally 72.68 is in use.

**OMMRS - Mary, N0TRK** - No Report

**SATERN** - Mary, N0TRK - Satern is gearing up a response in the Carolina region to be deployed after the hurricane is over. We are in better shape this year to respond from the Salvation Army headquarters now since the electrical noise has been corrected by OPPD. You are encouraged to monitor these nets and if there is anything for Nebraska do what you can to handle it.

### **Community Events - Pat KOCTU** -

Sunday was the Corporate Cup run  
Crop Walk will be October 14 this is a fund raiser for world hunger that we help with.  
Also, we would like to mention that a longtime supporter for the Nebraska State Track Meet Passed away, Lynn Miller WB0PRH.

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Market to Market relay will be October 6. This is a relay race that runs between Omaha and Lincoln with exchange points every 3 to 4 miles. Aksarben handles the first 10 exchanges and we need volunteers at each exchange, you don't need much more than a HT and it is a lot of fun watching the runners come in. This is a large relay having several thousand runners and our assistance in needed.

**Education Committee - Mary N0TRK-**

The technician class continues.

**Membership Committee - Mary, N0TRK** - no new members.

**Publications/Web Services**

**Ham Hum - Brian, WEOBEP** - No Report

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

**Repeater Committee - John, WBOCMC** -

Working well, but More to do. The repeater will be offline for a day this next week as we fix that problem. We are also planning on one more remote receiver at the channel 12 site you will need PL tone to access this receiver. This will give us coverage in the Platt Valley area where we can hear 94 but can not transmit to the KETV site.

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

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

**Courtesy Committee - Bill, KE0XQ** - A card was sent to Mitch N0AZF.

**Trailer/Equipment Committee - Mary, N0TRK** - We sold \$233.00 worth of equipment at Flee Esta.

**Public Awareness** - No Report

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**Transmitter Hunt - Dan, NOPOT** - No activity this month we will wait for better weather.

**Flea-Esta - Chris** - All 40 Tables were sold, and attendance was good we are still waiting for the deposit back from the hall but so far we have made about \$300.00.

**Old Business** - No Old Business

**New Business** - The ARRL would like to present the Special Service award to John WB0CMC for his support not only in Nebraska but abroad.

**Announcements** - Sioux land amateur radio association will be having their flea market at the Morningside Lutheran church a week from tomorrow.

Elkhorn ARC will have their flea Market on November 3 in Norfolk Please go to their website for more information

**Door Prizes** - no drawing this month

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.

At 7:49 PM, there being no more business before the club the meeting is adjourned.

## 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.

### 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.

## BOARD MEETING NOTICE

The next AARC Board Meeting is scheduled for **23 October 2018 at 6:30PM**, Peony Park Hy-Vee on Cass Street, Omaha. Unless further Notice, the board meetings are held on the fourth Tuesday of each month.

**Good idea to check the WEB Site for any changes in Dates or Locations.**

## Club Officers & Board Members

President	Bill True	WA9ASD	president@aksarbenarc.org
Vice President	Justin Tabor	KE0BHP	vicepresident@aksarbenarc.org
2018 Secretary	Brian Sohl	KE0GKB	secretary@aksarbenarc.org
2018 Treasurer	Dave Rice	NØJSB	treasurer@aksarbenarc.org
2017-2018 Director	Dan Buchholz	NØPOT	board@aksarbenarc.org
2018-2019 Director	Brian Sohl	KC0HLB	board@aksarbenarc.org
2018-2019 Director	Barb Westcott	KE0GKB	board@aksarbenarc.org
Immediate Past President	Kevin Hill	KAØVNY	board@aksarbenarc.org

## Club Committees

Courtesy Committee	Bill McCollum	KEØXQ	courtesy@aksarbenarc.org
Education	Justin Tabor	KEØBHP	education@aksarbenarc.org
Field Day	Adam Kavan	KDØMMG	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	KDØMMG	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
Official Observer Coord.	Bill McCollum	KEØXQ	oo_coordinator@aksarbenarc.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). Power rating: 300 watts, polarization: vertical. omnidirectional. 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.

**The following list of equipment is from Jessica Jurgensen. These items belonged to her late husband and she has asked if anyone in our club would be interested in them. You may email Jessica at [pjjurgensen@gmail.com](mailto:pjjurgensen@gmail.com)**

ICom 1200mhz All mode (IC-1271A) UHF Transceiver...\$400 obo

Kenwood HF Transceiver TS930s...&700 obo

Kenwood HF Transceiver TS450s...\$350 obo

Ameritron mobile amplifier ALS-500m Solid State No Tune...\$400 obo

Uniden Bearcat Trunktracker IV (BCD996XT)...\$160 obo

Yaesu G-800DXA...\$100 obo

MFJ Deluxe DC power outlet (model MFJ-1129)...\$100 obo

Realistic 10m SSB/CW Transceiver (HTX-100)...\$75 obo

Bencher paddles...\$70 obo

VCI RF Watt Meter PM-30...\$65 obo

Diamond antenna SWR & Power Meter SX-100

RadioShack Switching power supply cat#22-510

RadioShack power testers (have 2)

Midland power testers

RadioShack Regulated power supply (3Amp 13.8VDC)



## Repeater Timers

Most repeaters have a timer in the controller that starts counting down when you begin to transmit. This clock starts from about three minutes, or shorter. If you transmit continuously through the repeater past its timer length, the repeater will go off the air. This is called “timing out”. Repeater timers usually reset when you stop transmitting. If the repeater has a courtesy “beep”, the timer may reset at that time. So to avoid being dumped by the repeater timer, you have to keep your transmissions under the timer length and always wait for the “beep”. A lot of times you may hear someone talking on a net and they occasionally say, “let me let the repeater drop”,; that is what they doing to allow the repeater to reset that timer. You also may hear instructions from a Net Controller telling operators to call Net Control, then let the repeater “drop” (that’s when you hear that beep) then give your call sign. This is the general protocol during the ARES Info Net on Sunday nights. Bottom Line, keep you conversations short or so not to time out the repeater(s) you use.

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## Club Calendar

- Oct 10** Lincoln ARC meeting, 7:30PM 6131 North 14th Street, Lincoln, NE
- Oct 12** AARC Meeting, 7:00 PM, Red Cross, 81st & Spring St, Omaha, NE
- Oct 17** 7:00 PM Heartland Hams Meeting, 403 Railroad Ave, Glenwood, IA
- Oct 18** 7:30 PM. Bellevue ARC meeting, Bellevue Masonic Hall Dining Room, 1908 Franklin St, Bellevue, NE
- Oct 20** AARC Coffee and Conversation, 10770 M St, Village Inn Omaha, 6:30 PM (Corner of 108th and L Streets)
- Oct 25** 7:00 PM SWIARC meeting 705 N 16th St, Council Bluffs, IA.
- Oct 25** 7:30 PM PARC Meeting, 1900 E. Military Road, Fremont, NE
  
- Oct 30** License Testing—Council Bluffs, 6:30 PM 705 N 16th St, Council Bluffs, IA
- Nov 1** License Testing Lincoln ARC, 6:30 PM, 2701 N 48th St, Lincoln, NE
- Nov 27** License Testing Omaha Area VE Team, 6:30 PM 2912 S 80th Ave, Omaha, NE

# John WBØCMC Receives ARRL Section Award

During the September meeting, the ARRL Nebraska Section Manager, Matt Anderson KA0BOJ, awarded John Gebuhr WBØCMC with the Nebraska Section Special Service Award. It was given "In recognition for his tireless efforts in serving others in the Nebraska Section and abroad."

John's volunteer work has included helping out during the Omaha tornado of 1975 and the repair and upgrade of a radio/television station in Gonaives, Haiti, among others. John has also served as AARC president and other positions within the club.

This annual award is the first of its type to be presented in the Nebraska Section. Congratulations, John!



# Beat the Heat

*Pat Joseph KOCTU*

While we were assisting the 2017 Corporate Cup Run, a gentleman approached Dave NOJSB and asked if we would consider helping out on a 10K run called “Beat the Heat” on July 8<sup>th</sup>, 2018. He supplied his phone number, and was contacted by us to get some more details.

The route is along the Wabash Trace Nature Trail, and the 10K portion starts at the point where the trail intersects 240<sup>th</sup> street, southeast of Council Bluffs, and the runners progress down the trail to the trailhead, not far from Iowa School for the Deaf. The odd thing about this event is that it is two races in one, on the same course. The 10K runners start at the southeast end of the course. And the 5K runners start at the trailhead end, and then turn around at the 2.5K mark and come back to the finish line, which is where the 10K runners will also finish.

They only use one timing device at the finish line, so they need to start both ends of the race at the exact same time. They have tried using cell phones in the past, but the coverage is difficult on the trail at the far SE end. They needed us to give them the ability to start the runners simultaneously. We weren’t sure about repeater coverage, but after some testing, we were confident that we could pull it off. That’s really all that they wanted from us, but we also posted volunteers along the route to be there if we were needed.

Everything turned out good, and they were very pleased with the results. Both sets of runners started at 7AM right on time, and we were done by 10AM . Our thanks to these volunteers that came out early on a Sunday morning.

Mary NOTRK, Terry KEOPB, Don WB0VGB, Dave NOJSB, Russ NEOG, Corby KOSKW

**The Elections Are Coming !**  
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**During the Annual Meeting in December elections are held for club officers. The Nominating Committee has been formed and we are looking for candidates. The open positions for this election are:**

**Board Member (2), Vice President and President.**

**Any club member in good standing may nominate any other club member in standing for a position.**

**If you are interested in running have another member nominate you. If you know of someone who would be a good candidate, nominate them.**

**Thirty days before the election the Nominating Committee must present its candidates to the membership so time is running out.**

**Contact any Board Member with your nominations.**