



JUNE 2020 NEWSLETTER

2020 Kansas QSO Party

Planning is well underway for the 2020 Kansas QSO Party. The KSQP is traditionally the last full weekend in August, which this year is August 29-30. We usually share the weekend with Ohio and Hawaii, but every four years or so there is a fifth weekend, so this year we get the weekend to ourselves!

Most QSO parties to date have experienced a 50% or higher increase in submitted logs and activity. This is likely due to a combination of stay-at-home restrictions and the State QSO Party Challenge. If you haven't already checked out the State QSO Party Challenge, it's worth a look. The idea is to make contacts in as many QSO parties as possible and report them to 3830, a contest reporting web site. Operators are scored on the number of contacts times the number of QSO parties entered. You don't currently have to send in a log to the sponsor, but obviously many ops are doing so. Last year we had 420 logs. Our record number of logs was in 2018 with 444, so we'll see how 2020 compares. Whatever the reason for the increase, the 2020 KSQP is shaping up to be an incredible experience for all!

During the first weeks of stay-at-home, QSO parties cancelled all mobile activity. The Multi-Op category was rewritten to allow "distributed" Multi-Op where the same call sign was used from multiple locations with combined logs for scoring. Restrictions have eased and in recent QSO parties we're hearing mobiles on the road once again. If current federal, state and local safety restrictions are followed and operators are willing, we currently plan to allow mobile and portable entries once again. The final Rules rewrite is pending, but will likely include something similar to "distributed" Multi-Op as well.

Our sponsors help to fund our popular plaques, sweatshirts, T-shirts, certificates, antique radio stamps, postage and the KSQP web site. Emails have gone out to all sponsors, and emails to last year's operators will go out in the next few days. We currently have only the USA FT8 award unsponsored as Ken/WA8REI is SK. If you're interested in helping to sponsor the KSQP or would like a 1x1 call for our spelling challenge and didn't have one last year or have questions, comments, or suggestions, contact Bob/w0bh, kansas150@hotmail.com.

Let's get creative this year on Field Day

By Dan Romanchik, KB6NU

Since many of us are still hunkering down, and that doesn't look like it's going to change much by the end of June, Field Day is going to be a lot different this year. Our club has cancelled our club event, and I'm really going to miss helping newcomers operate the GOTA station, the food, and all the

camaraderie. That doesn't mean that Field Day can't still be fun, though.

Let's get creative!

First, note that the ARRL has modified the Field Day rules for this year. The biggest change is that Class D stations, that is home stations using commercial power, can now work other Class D stations for points. Previously, this wasn't allowed.

The second change is that the ARRL will publish aggregate club scores this year. In previous years, this was only done for Class A and Class F entries. Remember, though, Field Day isn't a contest (yeah, right!).



Personally, I plan to operate 1B-Battery. I'm going to set up my KX3 on the front deck and power it with a LiFePo battery charged by a recently-acquired solar panel to get the 100 point bonus for alternate power. For an antenna, I plan to set up my 20m/40m fan inverted-V "GOTA antenna" in the front yard.

I'm going to shoot for other bonus points, too:

- copy the bulletin—no brainer.
- promote my location on social media—I am going to get on NextDoor and invite neighbors over to watch from an acceptable "social distance."
- put some literature down at the bottom of the hill near the street and claim a public information table.
- send a press release to the local online paper and claim a media publicity credit.
- perhaps get someone under 20 to come and operate while I coach from an acceptable "social distance."

If Class B isn't your cup of tea, check out the presentation, "Field Day and Social Distancing," (https://docs.google.com/presentation/d/e/2PACX-1vSWypTtJ_R0s-UmysOEhQWwJwBIMrOavXqfs5AvigQzad8Z1c3JFn9TMI5ewxc8VVIIX-2g6bOTpUFD/pub?start=false&loop=false&delayms=3000&slide=id.g774df1657a_0_39) by Anthony, K8ZT. It has a lot of great ideas, including ideas on how to operate mobile (Class C).

Field Day doesn't have to be a downer this year. Get creative and have some fun.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and often appears on the ICQPodcast (icqpodcast.com). When he's not thinking up new ways to enjoy Field Day, he likes to build stuff and operate CW on the HF bands.



S.A.T.E.R.N.

Salvation Army Team Emergency Radio Network

<http://satern.ksarrl.org/>

Links for Kansas Hams!

ARRL Main Page	http://www.arrl.org
ARRL KS Section News Page	http://www.arrl.org/Groups/view/kansas
ARRL Midwest Director's Newsletter	http://www.arrlmidwest.org/newsletter/newsletter.pdf
Kansas Section Pages and KAR's	https://ksarrl.org
Mo-Kan Regional Council of ARC Orgs	https://mokancouncil.org/
Associated Radio	https://www.associatedradio.com/home.php
Kansas QSO Party	https://ksqsoparty.org/
Ensor Museum	http://www.ensorparkandmuseum.org
K-Link Repeater Network	http://ks0lnk.net
Sand Hills Amateur Radio Club, Inc	http://www.SandhillsARC.com

Links to all known Kansas Clubs can be found at the bottom of <https://ksarrl.org>
If you change your Clubs web address, please contact Kent at kb0rwi@arrl.net

Net Reports provided by Richard, KØRCJ

Wichita Amateur Radio Club (WARC) 4 Sessions, QNI: 183, QTC: 0	WARC DMR nets 4 Sessions, QNI: 33, QTC: 0
WARC Fusion nets 4 Sessions, QNI: 37, QTC: 0	Great Salt Plains ARC (GSPARC) 4 Sessions, QNI: 56, QTC: 0
QCWA 4 Sessions, QNI: 46, QTC: 0	KS SSB and Phone Nets 54 Sessions, QNI: 1053, QTC: 65
Reno County KS ARA (RCKARA) No report	KØRCJ PSHR: 1:40 2:40 3:30 4:0 5:0 6:30 TOTAL: 140

Supporting Our Veterans - Honorably Discharged [S*M*A*R*T - Special Military Active Retired Travel Club](#)

*KCONDG Sherwin
or SARG; EX-K102 1960 to 1987
or TOP, 1SG; Army USAR, Retired 1951 to 1987 --- final discharge 1994*

God Bless those who have served this great country AMERICA
Proud Military Veteran
SEEING THE COUNTRY WE DEFEND
SHERWIN & DOROTHY STIELOW

All Veterans Encouraged to Register At A VA Hospital, VA Hospitals Will Get Financial Credit

As a continued service to our veterans, I am running this a 2nd month so that word is indeed spread about the financial benefits to the local VA Hospitals by every veteran that registers with their local hospital.

At the VFW district 6 monthly meeting, all veterans are encouraged to register at a VA hospital. VA hospitals will get financial credit, which helps other veterans. There are several veterans that don't like hospitals or because they don't have a disability or just don't get sick or don't want to be a dependent to the government. The VA & VFW want to get the information out that veterans need to get over that stereotype & register with the VA hospitals. There are many benefits available to veterans at the VA, free examinations, eye glasses, hearing aids & many more including therapeutic help. Thank you for you help to get the word out.

NOSLJ

VFW Post8220/VFW District 6 Jr. Vice Commander

Rod Brown

Western Kansas 160m Net. Tuesdays at 9:00PM Central Time

The Western Kansas 160m net is held every tuesday evening at 9pm central time on 1.960 LSB. All general class and above stations are welcomed to join in.



Silent Keys

As a service to fellow hams across the state, I urge all individuals and Clubs to send me Silent Key notices. Please include a link to an obituary. I watch Larry's List for announcements of hams from Kansas. If you are not on Larry's List, I will forward the notice to him. He in turn notifies the ARRL. As Larry cannot include pictures, I do my best to find images so that a face can be put with the name and call. Thank you!

Posted June 9, 2020 Hutchinson News

Burl T Arbogast, WØQAP

Burl T. Arbogast, 91, passed away peacefully at home on April 23, 2020. He was the youngest of four children born to William and Katherine (Sommer) Arbogast in Winfield, Kansas. He was preceded in death by his brother James, and sisters Ann Sanders, and Hazel Bohannan.

Graveside services will be held on Thursday, June 11, 1 PM at Walnut Valley Cemetery, El Dorado.

Burl grew up in the Sedan area and his first job as an 11 year old was hauling scrap metal and he worked as a roughneck in the oil fields. He served in the Air Force Strategic Air Command during the Korean War as a radio operator leading to both his life-long love of ham radio and his hearing problems.

After serving in the military, he returned to the Sedan area and married Leona Imogene (Davis) Crawford, a young widow with small children Michael 7, Patricia 5 and Lynne 2 in 1958. The family lived in Sedan where he had a radio and TV repair shop and Burl attended Pittsburg State College. After he graduated, the family moved to El Dorado where he taught electronics at Butler County Junior College for 35 years before retiring.



Burl Arbogast, WØQAP

Imogene died in 1997 of cancer and Burl married Sandra Gates in 1998. They lived in Eufaula, Oklahoma and moved back to El Dorado in 2015.

<<https://www.hutchnews.com/obituaries/20200609/burl-t-arbogast>>

KANSAS HF NETS				
UPDATED November 6, 2019 11:19				
Days	Time	Mgr	Freq	Net Name
M, W, F	6:45AM	KØRCJ	3920 KHz	Kansas Phone Net
Daily	7:00AM	WDØBWE	3920 KHz	Kansas AM Weather Net
Sat, Sun	8:00AM	KØRCJ	3920 KHz	Kansas Phone Net
Mon -Fri	12:30PM	KC5MP	7253.5 KHz	Central States Traffic Net
Daily	6:00PM	WDØBWE	3920 KHz	Kansas Weather Net
Daily	6:30PM	KØRCJ	3920 KHz	Kansas Sideband Net
Daily	7:00PM	NB0Z	3547 KHz	QKS CW NTS Traffic Net
Mon	7:30PM	WD0ESF	3547 KHz	QKS SS CW Traffic Net
Daily	10:00PM	NB0Z	3547 KHz	QKS CW NTS Traffic Net

I have posted public service nets on <https://ksarri.org/traffic.php>



ARES – Amateur Radio Emergency Service



Complete list of ECs and a printable State ARES map <https://ksarri.org/ares/>

<https://ksarri.org/ares/alphaks.php/>

<https://ksarri.org/ares/distks.php>

AMATEUR RADIO EMERGENCY SERVICE MONTHLY EC REPORTS

◆ Zone 4A – Brian KCØBS

MAY MONTHLY ARES REPORT TO DEC & SEC

Total of ACTIVE ARES members: 150 +0

Local Net Name: Johnson County ARES

Emergency Coordinator = Brian Short KC0BS 913-638-7373

Alternate Emergency Coordinator, Recruiting = Jim Andera K0NK 913-884-6613

Assistant Emergency Coordinators:

Herb Fiddick - ECS Liaison

George McCarville WB0CNK - Training, Drills

Matt May KC4WCG - IDs, MECC

Bill Gery KA2FNK - Recruiting, Technology

Darren Martin N0MZW - Net Manager

Brad Kelsey KU0FAN – Membership

Jesse Gonzalez KE0ECS – CERT

Chuck Simpson K0NUG - Rapid Response

Jim Andera K0NK - KCHEART

NTS liaison is maintained with the KS SSB Net:

Jim Andera K0NK

Terry Reim WA0DTH

George McCarville WB0CNK

Jim Cordill K10BK

Debbie Britain AB0UY

Rich Britain N0ENO

Net Sessions: 44

QNI: 329

QTC: 0

4 nets - 2 Meter Voice

4 nets - 440 Voice

4 net - 440 Fusion Digital

4 nets - 2 Meter SATERN Voice

4 nets – CW

4 nets - 6 Meter

4 nets - 2 Meter Voice Simplex

4 nets - PSK 31 SATERN

4 nets - APRS Packet

4 nets - 1.25 Meter

4 nets - SATERN 80 meter SSB

Report prepared by:
Darren Martin N0MZW
Johnson County Kansas

◆ Zone 1B – Kevin, KSØEGL

No Report

Kevin Oneslager, KSØEGL

◆ Zone 6A, E & G – Rod KØEQH

Kansas ARES Net report for Zone 6A, E & G, May 2020

Total Nets.....4

Total QNI.....27

Stations participating: AC0E, WB0QYA, N0OMC, N0KQX, N0OXQ, K0CXD, KD0LQD, K0EQH, W7HLM, KD0TWO, KG0VA, W0BYV

Rod
KØEQH
NCS

Finney, Grant, Gray, Greeley, Hamilton, Haskell,
Kearney, Lane, Scott, Stanton, Wichita Counties

The Sand Hills ARC held it's monthly meeting again this month with a 'virtual' meeting on the air. Discussion was held regarding Field Day 2020 participation and pending 'show and tell' programs up coming when we have regular in person meetings. We welcome Steve, KB5VLW, at Johnson to our group. On the air meetings have been well attended with a total of 11 member/guests checking in this month. The next regular meeting, hopefully, will be an in-person event, held at the Scott County Library, 7:30PM July 2nd.

All are welcome.

Rod Hogg
KØEQH
SHARC



Tom's Key Strokes - WØEAJ

Denver, Co. Displaced Kansas Neighbor
and very gud friend!

radio@daileyservices.com



32vdc Farm Radios

So we're all in a virtual quarantine of sorts; some in ACTUAL ones. As such, it seems we've dug out old projects and rediscovered stuff we've had lying about that "we meant to get back to"... some of them, MANY years ago... ha ha ha.

In addition to building shelves for SWMBO (She Who Must Be Obeyed), and a few other domestic things, I made up my mind to FINALLY finish some stuff that's been waiting for "one more thing" in the que-line of life.... So -



I had some fun today... many years ago, my Uncle Bill... the guy who gave me a crystal and a pair of WW-II headphones and got me INTO this insane life, gave me a little wooden-boxed radio he bought "in a bucket" at a farm sale... He said he gave 2 bucks for it, but only 'cause it had a really nice pair of "water pump" pliers on top! He kept it under his workbench on the farm for about 15+ years, and after he finally gave it to ME, it sat under MY bench for yet another 10 years... very small, it's got 4 tubes (older types like 43, 76, etc...)

and is in a very simple wooden case. It is VERY compact, and has a curious type of speaker... the point of the speaker cone has a steel wire that goes between the ears of a magnet, which then has coils wrapped about them... it works. Anyway, it has no IF cans, so figured it was a TRF (tuned radio frequency... NOT a superhetrodyne!), but as it turns out, it's a 32v "farm radio" and is a *neutrodyne* or super regenerative type. Matter of fact, when you tune it down to the bottom of it's BC band coverage, it DOES go into self-oscillation. The only identification on it, is a riveted metal tag on the chassis that lists the **Hazeltine** patents it covers.

Ultimately, I figured out the series filament string by looking up the tubes in an older tube manual, which then gave me the filament pins. I drew up a partial schematic by "following the wires". Curious, was the stub of a *power-cord* that was wrapped in wire and what looked like ASBESTOS! (it WAS asbestos!) It turns out that it was originally a "resistance cord", which added to the voltage drop in the radio. After removing the stub of a cord, and further determining what wire went where, I ended up connecting a variac to the "beginning & end" of the filament string, then brought up the voltage till I read 6.3 vac across ONE of the tube's filaments. I then read the total input voltage from the Variac to the radio, and saw that it

was 30vac - that fit, as 32vac would supply the 4 filaments, the dial lamp AND the resistance-cord would absorb the rest (I found out that more than a few fires were caused by the wire-wrap turning into a "toaster" back in those days). Ultimately, I figured out the plate wiring by drawing a "most of the stuff" schematic, and using my bench supplies for LV and HV, brought it up V-E-R-Y S-L-O-W-L-Y to the previously determined 30 vac on the filament string, then about 140vdc on the plate input... the old girl began to quietly hum a bit, and then music came out - IT WORKED!



I still have not been able to identify it, but until the NREA (National Rural Electrification Act) began replacing folks' wind-chargers* with 110vac lines, lots of farms in Kansas (and everywhere else, rural) had wet-cell "Edison" batteries in the basement with a propeller-driven Jacobs or Delco "wind charger" on the roof (Kansas, Nebraska, Oklahoma, Iowa, and many other states have NEVER had a lack of WIND!)... I found that there were tons of simple appliances made for 32vdc, and this radio most

likely ran from a vibrator p/s to get the B+. Until I ultimately figure out what make and model it is, I can only assume it's NO LATER than the 30s, and most likely late 20s. I built up a simple power supply for it (even used a "vintage" can-type electrolytic that was in VERY GOOD shape), and was listening to it this afternoon. It's not very selective, but considering the time period it was in – and the fact that there weren't THAT MANY stations on the air then, "broadbanded" was absolutely okay.

It's the predecessor to the type of table radio that nearly EVERY American home had, up through the sixties, and must have been an absolute marvel to folks living in the country, who had still used kerosene lamps before it's coming. What a hoot... Oh, but I guess Uncle Bill kept the pliers.

B & H SALES
Amateur Radio Equipment

Alpha Delta accessories, ARRL publications, Comet Antennas, Hustler, LDG Electronics Equipment, MFJ, Tram, Wilson, W5YI Study materials

*Power Supplies and much more!
New and Used Equipment*

B & H Sales
707 N. Baltimore
Derby, Kansas
(316) 788-4225

Visit us online at www.hamradiocenter.biz
Email: derbyradioshack@cox.net

Tom

*Jacobs, Delco and a few other "wind chargers" came in 6v and 32v versions