



# Ham Hum

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## **ARRL to Extend Field Day Rule Waivers from 2020, Add Class D and E Power Limit**

02/10/2021

The COVID-19 pandemic-modified ARRL Field Day rules from 2020 will continue this June with the addition of a power limit imposed on Class D (Home Stations) and Class E (Home Stations-Emergency Power) participants. The news from the ARRL Board's Programs and Services Committee comes as many clubs and groups are starting preparations for Field Day in earnest. Field Day 2021 will take place June 26 – 27.

“This early decision should alleviate any hesitancy that radio clubs and individual Field Day participants may have with their planning for the event,” said ARRL Contest Program Manager Paul Bourque, N1SFE. For Field Day 2021:

- Class D stations may work *all other* Field Day stations, including other Class D stations, for points. This year, however, Class D and Class E stations will be limited to 150 W PEP output.
- An *aggregate* club score will be published — just as it was done last year. The aggregate score will be a sum of all individual entries that attributed their score to that of a specific club.

ARRL Field Day is one of the biggest events on the amateur radio calendar. Last summer, a record 10,213 entries were received.

“With the greater flexibility afforded by the rules waivers, individuals and groups will still be able to participate in Field Day, while still staying within any public health recommendations and/or requirements,” Bourque said. The preferred method of submitting entries after Field Day is via the web applet. The ARRL Field Day rules include instructions on how to submit entries, which must be submitted or postmarked by Tuesday, July 27, 2021.

The ARRL Field Day web page contains for complete rules and entry forms, as well as any updated information as it becomes available. Join the ARRL Field Day Facebook page.

## AKSARBEN ARC Club Meeting – February 12, 2021

The meeting was called to order at 7:05 PM Zoom. There were 36 attendees.

Officers and Board members present included: Pat, W00JU; Howard, AE0Z; Dan, N0POT; Dave, N0JSB; Brian, KE0GKB; Rea, N0REA.

**Secretary's Report - Brian, KE0GKB** - The minutes were posted in the Ham Hum. A motion was made by John AB0ZT to accept the minutes with no corrections with a second by Bill KD0FJR. The minutes were approved.

**Treasurer's Report - Dave, N0JSB** - - As of January 31 the club accounts had balances of: Main Checking \$4,876.22, Repeater Checking \$382.60 Savings \$6,994.79, CD Life Member one \$6,516.56, CD Life Member two \$6,769.07, and CD Repeater \$1,113.50 This leaves the balance of all the club accounts at \$26,652.74.

In the month of January there were deposits of \$954.00 consisting of \$924.00 from membership dues and \$30.00 from Donations.

In the month of January there were expenses of \$116.44 consisting of \$83.44 for Ham Hum Supplies, \$10.00 registration of Antenna trailer, and \$23.00 for Biennial Corporation Fee.

**President's Report - Pat, W00JU** - There is much interest in setting up and operation a 6 Meter EME station.

We are continuing work on the booklet for new Hams.

**Vice President's Report -Howard, AE0Z** - Tonight's presentation will be by ICOM USA.

**Education Committee - Rea N0REA-** Testing will resume at the Red Cross in Council Bluffs. contact me at [N0REA@arrl.net](mailto:N0REA@arrl.net) for reservations or more information.

**Membership Committee** - Dave N0JSB presented two new members to the club, Scott Redd, W3RED and Jeffery Heida, KE6GGZ. A motion was made by Dave N0JSB with a second by John ABOZT to accept these applications. Brian KE0GKB presented another application for Keith Cunningham (No License yet). A motion was made by Brian KE0GKB to accept the application with a second by Jack WA0SAC. The motions was approved by a unanimous vote.

**Repeater - John WB0CMC** - The repeater is working fine.

**Courtesy committee - Bill KD0FJR** No cards sent out this month.

**There were no reports from the following committees:**

ARES; SATERN; Web Services; Publications; Field Day; Flea-Esta; Community Service.

**Old Business:** No Old Business

**New Business:** John ABOZT asked if there was any interest in Club jackets, Shirts, and Hats. It was accepted very well and there will be more information presented at the next club meeting.

We are also looking for a new Chair for the Flea Esta committee.

There being no more business before the club the meeting was adjourned at 7:30.

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Lets talk about connecting a radio to antenna's via Coaxial Wire. It might be confusing to some about what type to use. First of all the topic of impedance some of use newbies hear but remain quite about. A measurement of resistance in Ohms, but that's another topic. For now lets just say we are going to use a cables that has a 50 Ohm impedance to match the output impedance of the transceiver.

**RG-58 type** has a 0.194 inch diameter. A standard cable for mobile installations.

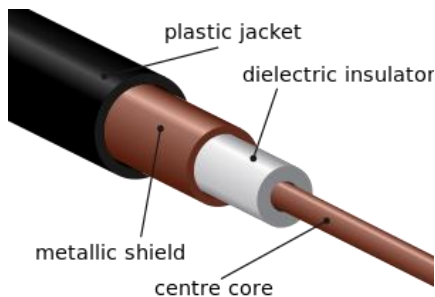


**RG-8X type** a 0.242 inch diameter. Larger and lower loss than RG-58 but still convenient for shorter cable runs.



**RG-8U type** 0.405 inch diameter. A General purpose cable, best for long cable runs.

Coax is a type of electrical cable that has an inner conductor surrounded by a tubular insulating layer, surrounded by a tubular conducting shield. Most coaxial cables also have an insulating outer sheath or plastic jacket.



Coaxial cable selection for each installation may be a compromise between features, requirements, and cost. The ham has to factor in what he needs or wants, what is available, and what it costs.

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## Spelling and phonetic alphabets

- When every word, or every character in a word or other "group" of characters, is critical, be prepared to take steps to make yourself understood (or to understand the other station)
- Example 1: the word "freeze"
- Example 2: the FCC call sign KA0XTT
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- The first attempt in transmitting an ordinary word is usually done by pronouncing the word normally. For "freeze", just say it. But there is no "normal pronunciation" for an FCC call sign because it is not a word.
- In Example 1, the other party may not be sure she is hearing "freeze", "fleas", "trees", "sneeze", or "sieve". Maybe "knees"?
  - The next attempt may be to spell the "group" by saying the conventional name of each letter. Exception: Amateurs conventionally use the British-English "zed", not "zee", as the name of letter "Z", to avoid confusion with many other similar-sounding letters.
- Example 1: "Eff Arr Ee Ee Zed Ee"
- Example 2: "Kay Ay Zero Eks Tee Tee"
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- The other party may not be sure she is hearing "freeze" or "srcbzt", "KA0XTT" or "AK0SPE". The ultimate attempt is to spell the "group" by using phonetics. It is recommended to use the standard [ITU phonetic alphabet](#), but this is not required.
- Example 1: "Foxtrot Romeo Echo Echo Zulu Echo"
- Example 2: "Kilo Alpha Zero X-Ray Tango Tango"

The ARRL National Traffic System (NTS) has published an excellent document, ["Sending Messages on Voice"](#), that sets out precise procedures for use on that system. Many of this document's techniques can be applied generally.

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# 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 147.360 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 3.897.500 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
- 9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

## Club Officers & Board Members

President	Pat Connell	WØOJU	president@aksarbenarc.org
Vice President	Howard Parks	AEØZ	vicepresident@aksarbenarc.org
2018-21 Secretary	Brian Sohl	KEØGKB	secretary@aksarbenarc.org
2018-21 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
2020-2021 Director	Brian Sohl	KEØGKB	board@aksarbenarc.org
2020-2021 Director	Ray Blackburn	NØREA	board@aksarbenarc.org
Immediate Past President	Sean Edwards	ADØQG	board@aksarbenarc.org

## Club Committees

Courtesy Committee	Bill Snyder	KDØFJR	courtesy@aksarbenarc.org
Education	Ray Blackburn	NØREA	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	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	
Vol. Council	Brian Zdan	KMØY	testing@aksarbenarc.org
NE Section Manager	Matt Anderson	KAØBOJ	ka0boj@arrl.org
VE Exams/ARRL Liaison	Ray Blackburn	NØREA	testing@aksarbenarc.org

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## **President's Corner by Pat Connell W0OJU**

This month's AARC presentation is by Art Zygielbaum (K0AIZ) ARRL Midwest Director. His presentation will be on what is new at the ARRL and their exciting post pandemic plans. On another note, ICOM has gone "radio silent" and we are still working on getting their program rescheduled.

It is good to see the snow disappear and the temperatures back in 60s! I am looking forward to some serious antenna work. I have always wanted to put up a two element quad for 20 through 6 meters and this spring I will get it done.

By the way, beside the improvement in the temperature, the higher HF bands seem to be warming up. 15 meters in the morning is open to Europe and South America. 10 meters have openings several times a week to South America. Often the band sounds dead, until someone sends out a CQ and then you hear lots of stations transmitting.

Our plans for activating EME from Nebraska is still alive. We have located a suitable 6 meter Yagi and hope to have it in Omaha by next month. We are also continuing to have conversations with Offutt and hoping to make it a joint effort.

See you next Friday on Zoom. I too cannot wait to get back to meeting in person. Stay well and safe. 73s DE Pat Connell W0OJU