



## MARCH MEETING

7:30 PM, WEDNESDAY, MARCH 10  
NORTHERN LIGHTHOUSE CHURCH & ZOOM

### MARCH MEETING

The March meeting will be held in person at Northern Lighthouse Church (6141 N 14th St, Lincoln); masks are required and sanitizer will be available. It will also be available via Zoom at: <http://bit.ly/LARC0321> (meeting: 955 8751 6342; Passcode: 769304).

### SEVERE WEATHER SPOTTING

This month we are lucky to welcome Jeremy Bower, the owner of JRBS storm Photography, who will talk about what the severe weather spotter needs to know during a storm deployment.

Jeremy holds a B.S. in Atmospheric Science from Ohio State University and has been a storm chaser, University of Nebraska Vortex Intercept Team member, forecaster, and meteorologist for the Lancaster County Emergency Management Agency (EMA). His work has been showcased on The Weather Channel, National Geographic, and the National Weather Service. Jeremy has blended his weather and photography passions and developed educational and outreach channels. I'm sure he will show us some of his spectacular images, too.

— Jim Nelson, WØJRN  
LARC Vice President

### EVENT CALENDAR

#### MARCH

Th	03/04	6:30 pm	VE Exams	College View Church	4801 Prescott Ave
Th	03/09	7:30 pm	SATERN Meeting	Salvation Army	2625 Potter St
<b>W</b>	<b>03/10</b>	<b>7:30 pm</b>	<b>LARC Meeting</b>	<b>Northern Lighthouse Church &amp; Zoom</b>	
Tu	03/23	6:30 pm	LARC Board Meeting	Lincoln Elks Lodge #80	5910 S 58th St
Tu	03/30	midnight	LOG Deadline	Email articles & ads to	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>

#### APRIL

Th	04/01	6:30 pm	VE Exams	College View Church	4801 Prescott Ave
<b>W</b>	<b>04/14</b>	<b>7:30 pm</b>	<b>LARC Meeting</b>	<b>Northern Lighthouse Church &amp; Zoom</b>	
Tu	04/27	6:30 pm	LARC Board Meeting	Lincoln Elks Lodge #80	5910 S 58th St
Tu	04/27	midnight	LOG Deadline	Email articles & ads to	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>

Lincoln Amateur Radio Club, Inc.  
PO Box 5006  
Lincoln, NE 68505

## 2021 BOARD OF DIRECTORS

President	Ed Holloway	KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Vice President	Jim Nelson	WØJRN		<a href="mailto:w0jrn@outlook.com">w0jrn@outlook.com</a>
Secretary	Kim Cartwright	KEØTNR	402/430-1506	<a href="mailto:kcdragon3@gmail.com">kcdragon3@gmail.com</a>
Treasurer	Greg Brown	KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
	Aaron Rogge	NØADR	402/617-0234	<a href="mailto:n0adr@ajrogge.com">n0adr@ajrogge.com</a>
	Bryan Leavitt	WØBCL	402/310-1686	<a href="mailto:w0bcl@arrl.net">w0bcl@arrl.net</a>
	Maureen Sadler	KDØONM	402/366-7828	<a href="mailto:emkay586@gmail.com">emkay586@gmail.com</a>
	Mike Long	KØSHC	402/770-2427	<a href="mailto:k0shc13@yahoo.com">k0shc13@yahoo.com</a>
Club Station Trustee	Greg Brown	KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>

## 2021 COMMITTEES

Committee	Liaison	Chair	Phone	Email
Activities	WØJRN	Jim Nelson, WØJRN		<a href="mailto:w0jrn@outlook.com">w0jrn@outlook.com</a>
Awards	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Bylaws	WØJRN	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Club Inventory		Randy King, KØNC	402/450-0978	<a href="mailto:randyking1958@gmail.com">randyking1958@gmail.com</a>
Club Station	KTØK	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Convention	KØSHC	Mike Long, KØSHC	402/770-2427	<a href="mailto:k0sch13@yahoo.com">k0sch13@yahoo.com</a>
Education	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:class@k0kkv.org">class@k0kkv.org</a>
Elections				
Emergency Resp. (ARES)	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Estate Assistance	KØRPT	Gordon Trout, WØKBS	402/580-5326	<a href="mailto:w0kbs@twc.com">w0kbs@twc.com</a>
Field Day	WØJRN	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Holiday Party	KDØONM	Maureen Sadler, KDØONM	402/366-7828	<a href="mailto:emkay586@gmail.com">emkay586@gmail.com</a>
LOG Editor	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>
Mentorship	KTØK	Greg Brown, KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
Merchandise				
Nets	KØRPT	Eric Bigham, KØJIA	402/467-1680	<a href="mailto:k0jia@xsmail.com">k0jia@xsmail.com</a>
Public Relations	KTØK	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Public Service	KØSHC	Mike Long, KØSHC	402/770-2427	<a href="mailto:k0sch13@yahoo.com">k0sch13@yahoo.com</a>
QSL Cards	KTØK	Greg Brown, KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
Repeater	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Tower/Antenna Crew	WØJRN	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Transmitter Hunts	KTØK	Harrison Gubser, NØHGD	402/318-7433	<a href="mailto:harrisondgubser@gmail.com">harrisondgubser@gmail.com</a>
TVI/RF	KØRPT	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Website	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:n0adr@ajrogge.com">n0adr@ajrogge.com</a>

## PRESIDENT'S COLUMN



It was hard to wrap my head around this, and maybe you can relate: I left for work at 3:00 am, leaving a driveway covered with packed snow, and returned 13 hours later to a completely cleared driveway. What a difference 57 degrees makes! It was so nice; unfortunately, I missed out on watching all that snow melt away.

Much thanks to all who attended last month's club meeting in person or on Zoom. The attendance could have been better, but the presentation was great!

Lancaster County DHMs now allow more folks to attend club meetings, so we welcome you to participate in person. Masks will be required, and there is more than enough space for everyone who wants to come. Jeremy Bower will give us the 411 on what you should be observing — looking, listening, and smelling — while on point during storm spotter deployments. He'll give much more information about this during his presentation.

Come help get us back to normal. See you at the March club meeting!

— Ed Holloway, KØRPT  
LARC President

## SILENT KEY

### KURTIS KRUSE, K3MED/SK



Kurtis Kruse, K3MED, passed away on February 15, 2021, in Lincoln, NE. He was born December 26, 1958, in Norfolk, NE, to Marvin Kruse and Henrietta Heller. His family moved to Lincoln in his childhood, where he attended Calvert Elementary School, Pound Middle School, and Lincoln Southeast High School, graduating in 1977.

Loyalty and service were defining factors in his life. Kurt worked as a Quality Control Supervisor at Spectronics Corporation for over 30 years. He was a volunteer with the American Red Cross First Aid Team and recognized as Volunteer of the Year

in 2012. Kurt was a dedicated leader for the Boy Scouts of America with Troop 30 and at Camp Cornhusker in many different capacities. He also was a member of the Medical Reserve Corps, a storm spotter with SKYWARN, and was awarded the Citizen's Lifesaving Award from the Lincoln Police Department in 2019.

Kurt is survived by his sister, Kimberly Kruse, of Fremont, CA; son Jacob (Karla) Kruse, of Lincoln, NE; daughter Katherine Kruse, of Omaha, NE; and grandson, Jack Kurtis Kruse. He was preceded in death by his parents.

*Republished from the Lincoln Journal Star:*  
[www.legacy.com/us/obituaries/journalstar/  
name/kurtis-kruse-obituary?pid=197794243](http://www.legacy.com/us/obituaries/journalstar/name/kurtis-kruse-obituary?pid=197794243).

## FEBRUARY VE EXAM SESSION



# ARRL VEC

Our second indoor exam session at College View Church was jam-packed with 18 examinees, and

all passed at least one exam for a new or upgraded license.

### TECHNICIAN

- ◆ Jesse Lindgren, KFØDTX, Omaha
- ◆ Bill Jordan, KFØDTY, Omaha
- ◆ Dakota Jordan, KFØDTZ, Omaha
- ◆ Megan Mingonet, KFØDUA, Silver City, IA
- ◆ Nathaniel Mingonet, KFØDUB, Silver City, IA
- ◆ Miranda Mingonet, KFØDUC, Silver City, IA
- ◆ Brian Loomis, KFØDUE, Council Bluffs, IA
- ◆ Levi Gurnsey, KFØDUF, Dunbar
- ◆ Jude Gurnsey, KFØEBO, Dunbar
- ◆ Luke Gurnsey, KFØEBP, Dunbar
- ◆ Christopher Gruff, KFØDUG, Omaha
- ◆ Cole Rausch, KFØDUH, Bellevue

### GENERAL

- ◆ Michael Powell, KØMYK, Lincoln
- ◆ Josiah Wissmann, KCØPNY, Milford
- ◆ Caelan Adams, KFØDTV, Beatrice
- ◆ William Schwaner, KFØDTW, Lincoln
- ◆ Ronald Hill, KFØRCH, Lincoln

### EXTRA

- ◆ Hunter Rausch, KFØDHU, Bellevue

We need more volunteers willing to give a couple of hours each month to assist fellow operators in getting into new areas of the hobby. With 18 examinees in February, it wasn't easy to keep up with the tests and paperwork. NØADR, WØBCL, KCØDHM, NØGUB, and KCØPJR assisted with this session, and we appreciate their help in these times.

LARC is one of the few clubs in the area providing VE exams each month, and we're honored to represent Amateur Radio in Southeast Nebraska. Consider how much more we can do with your help!

For those interested in becoming VEs, the process is simple, and we would love to have more support. You need to hold a General license to administer Technician level tests and an Extra license to examine all levels.

Please consider getting your VE credentials. Learn more here: [www.arrl.org/become-an-arrl-ve](http://www.arrl.org/become-an-arrl-ve).

— Chris Evens, KCØPJR  
VE Coordinator

## BOARD MEETING DATES

Club members are welcome and encouraged to attend all Board meetings. Meetings are on the fourth Tuesday of each month at Lincoln Elks Lodge #80, 5910 S 58<sup>th</sup> Street, at 7:00 pm.

- ◆ Tuesday, March 23
- ◆ Tuesday, April 27

— Aaron Rogge, NØADR

## MARCH SATERN MEETING



The March SATERN meeting has been rescheduled for Tuesday, March 9, at 7:30 pm.

Aaron Rogge, NØADR, will be presenting on using cross-band repeat.

The meeting will be held at the Salvation Army on 2625 Potter Street. Park in the south lot and enter through the south door. Everyone is welcome. Masks are required.

— Eileen Van Lent, KEØEQY

## CORNHUSKER STATE GAMES

Summer will be here before you know it! Mark your calendars. The Cornhusker State Games are scheduled for July 16–25.

— Aaron Rogge, NØADR

## HAM-A-GRAM

**To:** Diane Huseman

**From:** John Huseman, WDØEZI, and the Nebraska ARRL Convention Committee

Diane, thank you for your abundance of patience as COVID-19 caused us to reschedule the 2020 Nebraska ARRL Convention twice, resulting in boxes-upon-boxes of really great Ham radio gear outstaying its welcome.

On behalf of each of us, we're sorry for the delays, frustration, and hassle. Our hope is soon the prizes will be out of the Huseman home and into the hands of some lucky Hams!

## ARRL INSURANCE

Program highlights:

- ◆ Property covered: Ham radios and related equipment, including computers!
- ◆ Deductible: Only a \$50.00 deductible applies!
- ◆ Competitive rates: Minimum premium of only \$20.00!
- ◆ Computer equipment: Computers, hard drives, and printers.
- ◆ Theft from an unattended vehicle: Included with your premium.
- ◆ Coverage for towers and antennas, up to \$15,000.00 replacement cost!
- ◆ A great rate: \$1.40 per \$100 of equipment covered!

Learn more at <https://arrlinsurance.com/>

## LOCAL REPEATER LISTING

For a complete and up-to-date listing of local repeaters, visit [www.neares.net](http://www.neares.net), hover over the repeaters tab, and then click on "Lincoln Repeater." You'll also find a good listing of repeaters around the area.

— Ed Holloway, KØRPT

## NEBRASKA ARRL CONVENTION

The Nebraska ARRL Convention is scheduled for **Saturday, June 19**. The location remains the same: Lancaster Event Center, Lincoln Room.

— Michael Long, KØSHC  
Convention Committee Chair

## SWR METERS AND MORE

Back before MFJ bought Hy-Gain, boss Andy Andros came into the engineering shop with a small sledgehammer and smashed every SWR meter in the place. It seems they'd been getting complaints from customers on a new commercial beam, and it hadn't been designed right. An SWR meter reading of 2:1 doesn't tell you whether it's twice the impedance or half. Is it 100 or 25 Ohms?

When Fred Groce, WBØBLR, moved to his new house near the Council Bluffs airport, he put up the biggest, baddest Ham vertical made at the time: a Hy-Gain Hy-Tower 56-foot five-band monster with a center spire for 80M and 24-foot three-section tower on



**Millen 90651 GDO and Palomar Noise Bridge**

the bottom for 40M. One day, he decided to adjust it down to the low end of the band (3.5Mc) and enlisted assistance from a new Ham he'd helped recently. They climbed the tower several times to push up the center spire to maximum, but never got an ideal SWR reading. Then Al McMillan, WØJJK/SK, came over with a GDO and proved it was tuned down below the band. The SWR

curve hadn't shown a minimum there.

A Grid Dip Oscillator works by showing a loss of energy to any circuit near its oscillator coil. You can test circuits in radios (if you take off the metal shield) or antennas, if you put a few turns of wire on the end of the PL going to the antenna. That's what Al did to Fred BLR's Hy-Tower. (The meter dips as you tune through the resonant frequency.)

There are many brands of GDOs. Millen is one of the best. The oscillator must put out a sine wave to avoid harmonic responses. Most oscillators in standard circuits put out wildly non-sinusoidal wave shapes. They have all kinds of harmonic content, 2<sup>nd</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup> harmonics, and so forth.

An antenna noise bridge works with a wideband noise source (like a reverse-biased diode) into a precision bridge circuit and two inputs. Actually, one is an output to an external receiver. The other 'input' connects to your antenna or unknown circuit. You tune the receiver to the frequency you want to know about and twist the dials on the bridge, reading out R and X.

The MFJ 259 SWR Analyzer came out a couple of decades ago and was the greatest thing since sliced bread for Amateur antenna makers. The latest models not only cover 1 to 170 MHz but also 440 — sorta.

Like a GDO, the MFJ has an oscillator that works on several bands, putting out an absolutely perfect sine wave. Like the noise

bridge, it tells you R and X, and also the resultant SWR. It's a great thing to have except that it costs \$250 and up.

One caution when using these pieces of test equipment: the GDO and MFJ analyzers put out something like 30 milliwatts of power, which may cause interference if connected to an antenna. Notice what frequency you're on and what time of day it is.

The latest item to have is a \$50 Vector Network Analyzer (VNA). The good news is the price and wide frequency range;

however, it requires a computer to make it work. It supplies R and X readouts and graphs, which are really nice to have.

All these items will tell you about your antenna, but ideally, your testing system should be connected at the feed point, not the end of your coax. Can you imagine taking the VNA and computer to the top of your tower? At least the MFJ is more easily portable; it works on internal batteries and is all in one box.

— Rich Swig, WAØZQG

**HAVE SOMETHING YOU WOULD LIKE  
TO SHARE WITH YOUR FELLOW HAMS?  
SEND AN email to [log@k0kkv.org](mailto:log@k0kkv.org).**

**LOG PRINT DISTRIBUTION UPDATE**

At the LARC Board's direction and in support of its efforts to maintain a balanced budget, the LOG editors have created the following print distribution schedule. During seven months of 2021, the LOG print edition will be mailed only to current LARC members. In the remaining five months of the year, the LOG print edition will be mailed to members and Hams in Lancaster County, Nebraska.

<b>MEMBERS &amp; LANCASTER COUNTY HAMS</b>		<b>MEMBERS ONLY</b>	
January	June	March	September
February	October	April	November
May		July	December
		August	

**Please renew your membership to ensure receipt of future print editions.** Digital and web editions will continue to be published each month. If you have any questions, contact a member of the LARC Board of Directors.

— Jeri Lyn and Aaron Rogge, NØJLR and NØADR  
LOG Editors

## ACTION REQUIRED FOR RADIO FREQUENCY DEVICE LISTINGS ON AMAZON.COM

This article was originally published February 1, 2021, and it has been adjusted to reflect a new estimated date for this change.

As part of our ongoing efforts to protect our customers and enhance the customer experience, Amazon is updating the requirements to offer radio frequency devices. This will affect some products you offer or have previously offered.

Starting in Q2 2021, in order to create new listings or update existing listings of radio frequency devices you will need to fill in the FCC Radio Frequency Emission Compliance attribute. In the attribute, you must do one of the following:

- ◆ Provide evidence of Federal Communications Commission (FCC) authorization – either an FCC certification number or contact information for the Responsible Party, as defined by the FCC.
- ◆ Certify that the product is exempt from FCC requirements.

As a reminder, per Amazon policy, all radio frequency devices must comply with FCC regulations and all applicable state and local laws, including registration and labeling requirements. Amazon also requires you to provide accurate information about your products on the product detail page.

You may not be aware that you are selling products the FCC considers radio frequency devices. The FCC broadly classifies as

radio frequency devices any electronic or electrical product that is capable of emitting radio frequency energy. According to the FCC, almost all electronic or electrical products are capable of emitting radio frequency energy. Examples of products that are regulated by the FCC as radio frequency devices include, but are not limited to: Wi-Fi devices, Bluetooth devices, radios, broadcast transmitters, signal boosters, and devices with cellular technology. FCC guidance on what is considered a radio frequency device can be found on the Equipment Authorization – RF Device 179 page on the FCC website.

*Republished from the Amazon Services Seller Forum: [sellercentral.amazon.com/forums/t/action-required-for-radio-frequency-device-listings-on-amazon-com/781188](https://sellercentral.amazon.com/forums/t/action-required-for-radio-frequency-device-listings-on-amazon-com/781188).*

**HAVE SOMETHING YOU WOULD LIKE  
TO SHARE WITH YOUR FELLOW HAMS?  
SEND AN** [email to log@k0kkv.org](mailto:log@k0kkv.org).



## ARRL RADIO SPORT

### MARCH

- ◆ 6-7 International DX — Phone

### APRIL

- ◆ 18 Rookie Roundup — Phone

### JUNE

- ◆ 12-14 June VHF
- ◆ 19 Kids Day
- ◆ 26-27 Field Day

### JULY

- ◆ 10-11 IARU HF World Championship

— ARRL Contest Calendar

**CAUGHT THE CONTESTING BUG?  
CHECK OUT THE CALENDAR AT  
[WWW.CONTESTCALENDAR.COM](http://WWW.CONTESTCALENDAR.COM).**

## ARES CONNECT

If you are interested in helping with ARES, please register at [www.arrl.volunteerhub.com/lp/ne](http://www.arrl.volunteerhub.com/lp/ne). This site will be used for reports, schedules, and communication with all interested parties. All training and community events, including SKYWARN training, will be scheduled and listed on this site.

Be sure to send certificate copies for completed trainings, such as IS-100, 200, 300, 400, 700, 800, and any FEMA development training certificates to [ed.k0rpt@arrl.net](mailto:ed.k0rpt@arrl.net).

— Ed Holloway, KØRPT

## LINCOLN REPEATER CLUB

There are some great things happening in the Lincoln Repeater Club (LRC), which owns and operates the 146.850, 145.190, and 444.100 repeaters. They have been doing a lot of work on them so they sound great and are ready for your use.

Additionally, LRC could use your support. I encourage you to help by becoming an LRC member. Dues are only \$10.00/year, and they can be remitted by check to the address below; alternately, you can pay for one or more years of LRC membership along with your LARC dues. Greg Brown, KTØK, assures that he will forward any LRC dues he receives. I made it easy on myself and signed on for the next five years.

Thanks in advance for pitching in to strengthen LRC!

Lincoln Repeater Club  
c/o Keith Simonsen, WØCHV  
6705 W Mill Rd  
Raymond, NE 68428

— Ed Holloway, KØRPT

## MEALS ON WHEELS



During the winter months, Tabitha Meals on Wheels needs volunteers to ensure that hot lunches are delivered to homebound Lincoln residents. If you're interested in joining an on-call list, send an email to [k0rpt@arrl.net](mailto:k0rpt@arrl.net).

— Ed Holloway, KØRPT

## ESTATE & EQUIPMENT SALES

### KØCWW

Item	Category	Brand	Model	Description	Asking
301	Accessories	Ameritron	RCS-8V	5-Port Automatic Antenna Switch	\$75.00
302	Accessories	Heathkit	HD-1422-A	Antenna Noise Bridge	\$25.00
303	Accessories	Home Made		Speaker enclosure	\$5.00
304	Accessories	Home Made		Speaker enclosure	\$5.00
305	Accessories	MFJ	MFJ-1701	6-position 2Kw Antenna Switch	\$40.00
306	Accessories	MFJ	MFJ-1701	6-position 2Kw Antenna Switch	\$40.00
307	Accessories	MFJ	MFJ-616	Speech Intel. Enhancer	\$75.00
308	Accessories	MFJ	MFJ-784B	Tunable DSP Audio Filter	\$100.00
309	Accessories	MFJ	MFJ-815B	HF SWR meter	\$40.00
310	Accessories	MFJ	MFJ-993B	HF Auto Tuner	\$125.00
311	Accessories	MFJ	MFJ-993B	HF Auto Tuner	\$125.00
312	Accessories	MFJ	MFJ-993B	HF Auto Tuner	\$125.00
313	Amplifiers	Heathkit	SB-1000	Linear Amplifier	\$500.00
314	HF Radios	Icom	IC-7200	160-6 meters HF Transceiver	\$500.00
315	HF Radios	Kenwood	TS-590	160-6 meters HF Transceiver	\$500.00
316	HF Radios	Kenwood	TS-850S	HF Transceiver	\$550.00
317	HTs	Kenwood	TH-F6	Triband Handheld	\$100.00
318	HTs	Kenwood	TH-K20	2 mtr Handheld	\$75.00
319	HTs	Kenwood	TR-2500	2 meter handheld AS-IS	\$20.00
320	Receivers	MFJ	MFJ-8100	Short Wave Receiver	\$50.00
321	Power Supplies	Kenwood	PS-52	Power Supply	\$75.00
322	Power Supplies	MFJ	MFJ-4225	25 amp Switching PS	\$75.00
323	Power Supplies	MFJ	MFJ-4225	25 amp Switching PS	\$75.00
324	VHF Mobile	Yaesu	FT-2400	2 meter mobile	\$50.00

### KØSIL

Item	Category	Brand	Model	Description	Asking
9	Accessories	Diamond	SX-200	SWR meter	\$50.00
20	Accessories	Kenwood	PC-1	Phone Patch controller	\$25.00
26	Accessories	Welz	SP-10X	SWR/PWR HF-150MHZ	\$25.00

### KAØJGE

Item	Category	Brand	Model	Description	Asking
105	Microphones	Astatic	D-104	Microphone	\$35.00

### KAØJGH

Item	Category	Brand	Model	Description	Asking
202	Accessories	Kenwood	VFO-120	Remote VFO	\$80.00
204	Accessories	Kenwood	SP-120	Speaker	\$30.00
205	Accessories	EF Johnson		Speaker	\$10.00
207	Power Supplies	Kenwood	PS-20	4 amp pwr supply	\$30.00
208	Accessories	Kenwood	VOX-3	VOX controller for TS-700 series	\$50.00
209	Accessories	Kenwood	VOX-4	VOX controller for TS-660/670	\$50.00

## ESTATE & EQUIPMENT SALES

210	Accessories	Kenwood	AT-130	Antenna Tuner	\$80.00
211	Accessories	Kenwood	MB-100	Mtg Brkt for TS-120 and TS-130	\$10.00
214	Accessories	Motorola		Speaker	\$10.00
215	Amplifiers	TE Systems	1452G	2meter 350watt Mobile Amp	\$275.00
216	Amplifiers	TE Systems	0550G	50 Mhz 375 watts mobile amp	\$450.00
217	Amplifiers	TE Systems	0510G	50 Mhz 175 watts mobile amp	\$250.00
225	Microphones	Astatic	D-104	Desktop Microphone	\$30.00
227	Microphones	Turner	254C	Ceramic Desk Microphone	\$20.00
229	Power Supplies	Astron	RS-20M	Pwr Supply buzzes under load	\$50.00
234	Power Supplies	Micronta	22-120A	2.5amp 13.8volt	\$10.00
237	UHF Mobile	Kenwood	TM-455A	35watt 440 All-mode As-is	\$80.00
246	Accessories	B/W	594	Antenna Switch	\$35.00
249	Accessories	Midland	23-126	SWR Meter HF	\$10.00
250	Accessories	Midland	23-136	SWR Meter 3-150Mhz	\$10.00
252	Misc	Lunar	PAI-144D	Preamp	\$50.00
253	Misc	ARR	SP-50VDG	Preamp	\$50.00
255	Microphones	Kenwood		Dynamic Mic	\$10.00
256	Microphones	Realistic	21-1172	Dynamic Mic	\$10.00

### LARC

Item	Category	Brand	Model	Description	Asking
4	Misc	Unknown		12 gauge wire part roll	\$5.00
13	Scanner	Regency	MX-3000	Scanner	\$20.00
22	Misc	Eton	AN-03	Portable shortwave antenna	\$5.00
105	Accessories	Kenwood	LF-30A	Low-pass filter	\$25.00
125	Accessories	Realistic	40-1248B	External Speaker	\$10.00
131	Microphones	SBE	M100X	Amplified hand mic	\$25.00
143	Power Supplies	Mr. CB	7078	4 amp	\$10.00
152	Scanners	Uniden Bearcat	BC700A	800mhz scanner	\$50.00
155	Power Supplies	Power-One	HD15-6-A	15v-6amp power supply	\$25.00
156	VHF Mobiles	ICOM	IC-25H	2 Meter Mobile	\$30.00
157	Accessories	Micronta	21-525B	SWR FS Meter 3-30Mhz	\$10.00
158	Accessories	Radio Shack	21-524	SWR Pwr Meter 3-30Mhz	\$10.00
159	Amplifiers	Mirage	B-23A	144 30watt Amplifier	\$30.00

### NØLWL

Item	Category	Brand	Model	Description	Asking
104	Accessories	Powerex	MH-C777PlusII	Battery Charger & Conditioner	\$10.00
105	Accessories	Pyramid	SWR-14	SWR Meter CB?	\$10.00
117	Microphones	Shure		Desk Microphone	\$15.00
119	Microphones	Turner	Plus 3	Desk Microphone	\$30.00

**All prices are negotiable.** If interested, contact Gordon Trout, WØKBS, at 402/580-5326 after 11:00 am or at [w0kbs@twc.com](mailto:w0kbs@twc.com).

## LINCOLN AMATEUR RADIO CLUB

The Lincoln Amateur Radio Club, Inc. (LARC), is a nonprofit organization devoted to the promotion of Amateur Radio. The club sponsors activities and programs to promote growth in Amateur Radio, further the experience of those already licensed, and create international goodwill.

The *Lincoln LOG* is mailed monthly to all paid members of LARC and five times a year to Lancaster County, Nebraska, Hams.

The *LOG* and other Lincoln Amateur Radio Club information are available at [k0kkv.org](http://k0kkv.org) and at [facebook.com/LARClincoln](https://facebook.com/LARClincoln) and may be used freely. Permission is granted to other publications to reprint articles, provided that source credit, author, and previous print source appear in the reprint.

## FULL MEMBERSHIP DUES REDUCED

The LARC Board has reduced Full Membership dues to \$15/year beginning in 2021. If you have already paid \$20 for 2021 membership, please email [treasurer@k0kkv.org](mailto:treasurer@k0kkv.org) with your choice of the following options: Receive a \$5 refund, receive credit towards your 2022 membership, or donate to an LARC activity/fund of your choice.

Those interested in paying their ARRL dues through LARC are encouraged to email [treasurer@k0kkv.org](mailto:treasurer@k0kkv.org) for details.

### Lincoln Amateur Radio Club Registration Form

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP+4: \_\_\_\_\_

Phone: \_\_\_\_\_ Email Address: \_\_\_\_\_

License Class:  Novice  Tech  General  Advanced  Extra

#### Memberships

LARC (\$15 Full, \$10 Associate\*) Year: \_\_\_\_\_ \$ \_\_\_\_\_

LARC (\$10 first-time members — first year only) Year: \_\_\_\_\_ \$ \_\_\_\_\_

Lincoln Repeater Club (\$10 / year) Year: \_\_\_\_\_ \$ \_\_\_\_\_

#### Donations

General Fund  Equipment Fund  Activities Fund  Other \$ \_\_\_\_\_

Enclose check payable to: \_\_\_\_\_ Total Due: \$ \_\_\_\_\_

Lincoln Amateur Radio Club, Inc.  
PO Box 5006, Lincoln, NE 68505-0006

\* Associate Members must be family members residing at the same address as the Full Member

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