

LARC Meeting

Wednesday, January 10

LARC Clubhouse | 4420 NW 41st St, Lincoln, NE

Club meetings are free and open to all. No need to have a ham license or club membership. We welcome anyone who has an interest in amateur radio.

Program DMR Radio

Come and join us for a casual talk about DMR in Ham Radio! Topics include, but are not limited to : a short history of how DMR came about, the Nebraska TRBO DMR network, radios, talk groups, and hot spots! Please bring your questions.
George Blessing, KC0HYI

Event Calendar

January

4....Th.. 18:30VE Exams College View Church4801 Prescott Ave
10 .We 19:30.. LARC MeetingLARC Clubhouse4420 NW 41st St
11..Th.. 19:30SATERN Meeting Salvation Army2625 Potter St
14..Su.. 17:00LARC Board Mtg LARC Clubhouse4420 NW 41st St
30 .Tu .23:59.. LOG DeadlineEmail articles & ads to log@k0kkv.org

February

1....Th.. 18:30VE Exams College View Church4801 Prescott Ave
5....Mo 18:30LOG Folding LARC Clubhouse4420 NW 41st St
14 .We 19:30.. LARC MeetingLARC Clubhouse4420 NW 41st St
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Lincoln Amateur Radio Club, Inc
PO Box 5006 | Lincoln, NE 68505



Club Repeater KØKKV 146.760 (-)

Twitter twitter.com/k0kkv

LARC Web Site www.k0kkv.org

Facebook www.facebook.com/LARCLincoln

2024 Board of Directors

President	Aaron Rogge.....	NØADR	402/617-0234 ...	n0adr@ajrogge.com
Vice President	Ed Holloway	KØRPT	402/326-1139 ...	k0rpt@arrl.net
Secretary	Kim Cartwright.....	KEØTNR	402/430-1506 ...	kcdragon3@gmail.com
Treasurer	Alex Lewis	W3ALX	402/202-8830 ...	alex.w3alx@gmail.com
Member	Shaun Munson.....	KØSMM	402/853-6523 ...	k0smm@arrl.net
Member	Bryan Leavitt.....	WØBCL	402/310-1686 ...	w0bcl@arrl.net
Member	Roark Pyle	WØLNE	402/318-1452 ...	w0lne@arrl.net
Member	Kenneth Cohn	KCØHN	402/	kc0hn.ne@gmail.com
Club Station Trustee.....	Greg Brown	KTØK.....	402/937-3540 ...	kt0k@arrl.net

2023 Committees (Committees may be subject to change)

Committee	Liaison..	Chair	Phone	Email
Activities	KØRPT.....	Nick Fromm, KØNFX		
ARES Coordination.....	KØRPT.....	Ed Holloway, KØRPT	402/326-1139 ...	k0rpt@arrl.net
Awards	KØRPT.....	Kim Cartwright, KEØTNR	402/430-1506 ...	kcdragon3@gmail.com
Bylaws.....	NØADR.....	Alex Lewis, W3ALX.....	402/202-8830 ...	alex.w3alx@gmail.com
Club Inventory.....	KØSMM.....	Kim Cartwright, KEØTNR	402/430-1506 ...	kcdragon3@gmail.com
Club Station.....	KØRPT.....	Greg Brown, KTØK	402/937-3540 ...	kt0k@arrl.net
Convention.....	NØADR.....	Ed Holloway, KØRPT	402/326-1139 ...	k0rpt@arrl.net
Education	NØADR.....	Bryan Leavitt, WØBCL	402/310-1686 ...	w0bcl@arrl.net
Estate Assistance	KØRPT.....	Gordon Trout, WØKBS	402/580-5326 ...	w0kbs@twc.com
Field Day.....	WØJRN	Ed Holloway, KØRPT	402/326-1139 ...	k0rpt@arrl.net
Holiday Party.....	WØLNE.....	Maureen Sadler, KDØONM .	402/366-7828 ...	emkay586@gmail.com
LOG Editor.....	WØBCL	Jean Leavitt, KØJSL	402/310-9964 ...	log@k0kkv.org
Mentorship	WØJRN	Greg Brown, KTØK	402/937-3540 ...	kt0k@arrl.net
Nets	KØRPT.....	Eric Bigham, KØJIA.....	402/467-1680 ...	k0jia@xsmail.com
Public Relations.....	KØRPT.....	Shaun Munson, KØSMM	402/853-6523 ...	k0smm@arrl.net
Public Service.....	WØLNE.....	Aaron Rogge, NØADR.....	402/617-0234 ...	n0adr@ajrogge.com
QSL Cards	W3ALX.....	Greg Brown, KTØK	402/937-3540 ...	kt0k@arrl.net
Tower/Antenna Crew....	WØJRN	Shaun Munson, KØSMM	402/853-6523 ...	k0smm@arrl.net
Transmitter Hunts	KØSMM.....	Kim Cartwright, KEØTNR	402/430-1506 ...	kcdragon3@gmail.com
TVI/RF.....	KØRPT.....	Shaun Munson, KØSMM	402/853-6523 ...	k0smm@arrl.net
Website	W3ALX.....	Aaron Rogge, NØADR.....	402/617-0234 ...	n0adr@ajrogge.com



President's Message

Aaron Rogge, N0ADR,
LARC President

Happy New Year!

I hope everyone has had an enjoyable holiday season and is ready for what's to come in 2024. Thank-You to the Holiday Party

committee for the seven years of planning our annual get-together. You have done a great job!

Congratulations to the 2023 award winners, who were announced at the Holiday Party:

- **Eric Bigham, K0JIA**
Steve May, WA0ASM, Award.
- **Kathleen Rogge, KR0KAT**
Jerry Kohn, WD0EGK, Public Service Award.
- **Chris Evans, KC0PJR**
Certificate of Appreciation for coordinating over 10000 VE sessions.
- **Shaun Munson, K0SMM**
Jerry Cox, W0MAO, Memorial Award.

Welcome to the new and returning Board members. The following people were elected to the Board at the December club meeting: Alex Lewis, W3ALX; Ken Cohn, KC0HN; Ed Holloway, K0RPT; and Shaun Munson, K0SMM. The 2024 Board met, and your 2024 officers are Aaron Rogge, N0ADR, President; Ed Holloway, K0RPT, Vice-President; Alex Lewis, W3ALX, Treasurer; and Kim Cartwright, KE0TRN, Secretary.

Ed has already lined up some great presentations for the club meetings. You won't want to miss these!

- **January: George Blessing, KC0HYI**
DMR Radio
- **February: Randy King, K0NC**
SWL (Shortwave Radio)
- **March: Joe Eisenberg, K0NEB, and Shaun Munson**
FT8 & Digital Modes
- **April: Jeremy Bower**
Weather

I am currently working on the 2024 committees. Please let me know if there is a committee you would like to join.

If you haven't renewed your LARC membership, now is a great time to get that done. You can renew at a club meeting.
73 N0ADR

LOG Folding

Aaron Rogge, N0ADR

Thank you to the December LOG folding crew: KC0DHM, WD0EZI, KC0HN, N0JLR, K0JSL, KR0KAT, K0KPH, Jon Peterson. Ayden Rogge, and Mitch Ryan.

Join us for the next folding session!

Date: February 5, 2024

Time: 6:30 pm

Location: LARC Clubhouse, 4420 NW 41st St

ARRL Contest Calendar

ARRL

January

- 6 Kids Day - Phone
- 6-7 RTTY Roundup - Digital
- 20-22 January VHF Contest - CW, Phone, Digital

February

- 12-16 School Club Roundup
- 17-18 DX Contest - CW

FCC Makes Changes To Digital Modes In HF Bands

ARRL

The Federal Communications Commission (FCC) published new rules adopted last month that replace the symbol rate restrictions on the HF bands with a bandwidth limit of 2.8 kHz. The new rules go into effect **January 8, 2024**. (Emphasis added)

The bands and band segments affected by the rules change are those authorized for data transmission between 160 and 10 meters, exclusive of 60 meters (where no change was made).

In adopting a bandwidth limit in place of the baud rate limit the FCC agreed with ARRL that some limitation is necessary because "without a baud rate or bandwidth limit, data stations using a large amount of spectrum for a single emission could do so to the detriment of simultaneous use by other stations using narrowband emission modes."

ARRL has advocated for this change for a long time. The move opens amateur data communications to faster and more modern modes and restores the incentive for amateurs to experiment with and develop faster and more efficient data methods. Previously, ARRL obtained waivers to the symbol rate rules on a case-by-case basis to facilitate communications during situations like hurricane responses. These delays will now be removed, permitting drills to be conducted with the faster modes and more timely responses when needed.

The FCC also requested comment on removing similar symbol rate restrictions in the rules governing 135.7 - 137.8 kHz (2200-meter band), 472 - 479 kHz (630-meter band), and the very high-frequency (VHF) and ultra-high frequency (UHF) bands.

The VHF bands with baud rates are the 6-meter band, 2-meter band, and the 1.25-meter band. The single UHF band with a baud rate is the 70-centimeter band (420 - 450 MHz). The Further Notice of Proposed Rule Making (FNPRM) proposes to maintain the existing bandwidth limits in the Commission's rules for these VHF and UHF bands but seeks comment on whether they should be kept, and if so, whether the bandwidths should be changed. The Commission also sought comment on whether bandwidth limits should be adopted for application to the 2200 and 630-meter bands, and if so, what an appropriate bandwidth limit would be.



Nets

Paul Mundt, KF9TV

The Lincoln Amateur Radio Club offers various daily nets that welcome all hams. The nightly ARES Net is daily at 9PM local time. There is also a Lunch Bunch Net on Monday, Wednesday, and Friday at 12 Noon. This is an informative and fun net, once again open to all. These nets are on 146.76 and 442.7MHz. Join us if you can.

VE Report

Chris Evens, KCØPJR,
VE Coordinator

December VE Session:

TECHNICIAN

- Chang Li, KFØOBZ, Lincoln

GENERAL

- Eric Foster, NØMTT, Lincoln

Congratulations to our new licensees!

Volunteer Examiners (VE's) who participated this month:

KCØHN, KCØPJR, KWØNE, and NEØTM.

Thank you for giving your time to those wanting to get into Amateur Radio.

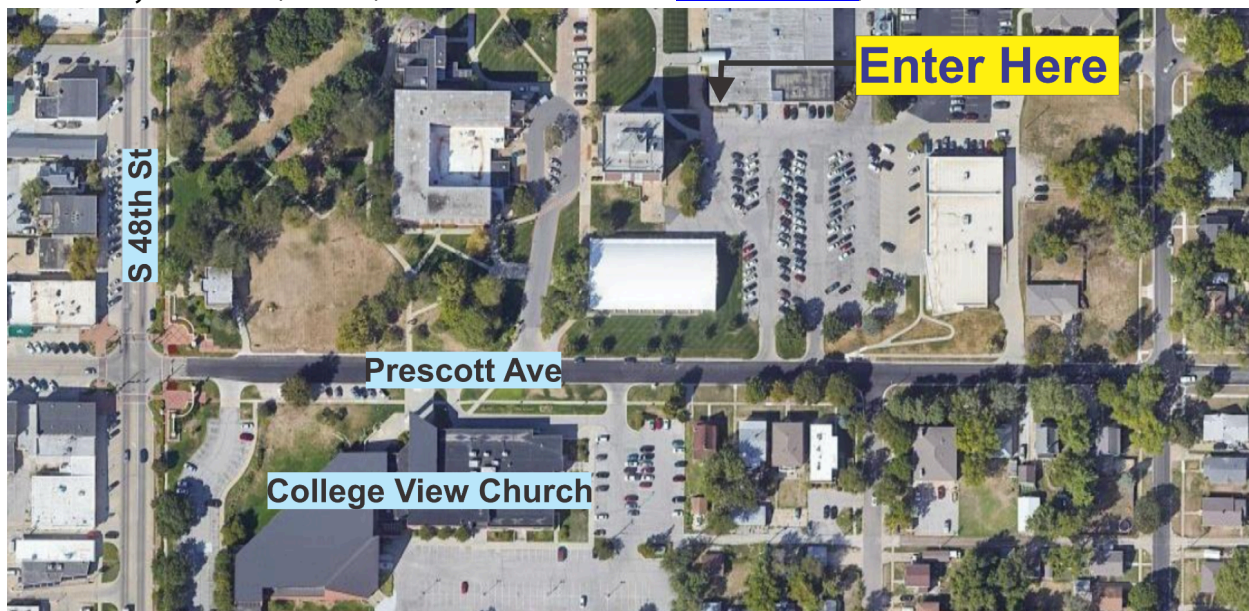
Technician and General Classes

Bryan Leavitt, WØBCL - Education Coordinator

Technician classes will be on Monday nights from 18:30 to 21:30, starting on January 8th. The General class will follow starting sometime in March. See map below for location on the Union College campus. Classes are free and open to the public. The following manuals are recommended:

- Technician - <https://home.arrrl.org/action/Store/Product-Details/productId/2003373064>
- General - <https://home.arrrl.org/action/Store/Product-Details/productId/2009476073>

Contact Bryan Leavitt (WØBCL) for more information: w0bcl@arrrl.net; 402-310-1686



Estate and Equipment Sales

Gordon Trout, WØKBS

KØCWW

Category	Item	Brand	Model	Description	Asking
Accessories	302	Heathkit	HD-1422-A	Antenna Noise Bridge	\$25.00
HTs	319	Kenwood	TR-2500	2 meter handheld AS-IS	\$20.00

KAØJGH

Category	Item	Brand	Model	Description	Asking
Accessories	205	EF Johnson		Speaker	\$10.00
Power Supplies	207	Kenwood	PS-20	4 amp pwr supply	\$30.00
Accessories	211	Kenwood	MB-100	Mtg Brkt for TS-120 and TS-130	\$10.00
Amplifiers	217	TE Systems	0510G	50 MHz 175 watts mobile amp	\$250.00

LARC

Category	Item	Brand	Model	Description	Asking
Tuners	3	MFJ	MFJ-969	Deluxe Versa Tuner	\$175.00
Accessories	7	LDG	TW-1	Talking Wattmeter	\$75.00
Power Supplies	8	MFJ	MFJ-4245MV	45 Watt Switching Power Supply	\$200.00
Accessories	10	MFJ	MFJ-864	HF/144/440 SWR Meter	\$80.00
Tuners	11	MFJ	MFJ-945E	Mobile Tuner	\$125.00
Accessories	12	MFJ	MFJ-921	144/220 200 Watt SWR Meter	\$90.00
CBs	13	Radio Shack	21-1702	CB Radio	\$20.00
CBs	14	Radio Shack	21-1702	CB Radio - bad pwr plug	\$15.00
Misc	17	Kenwood	LF-30A	Low Pass Filter	\$20.00
Antennas	20	RadioWavz		20 Meter Dipole	\$45.00
Antennas	21	RadioWavz		40 Meter Dipole	\$50.00
Tuners	23	MFJ	MFJ-939	Automatic intelituner	\$175.00
Misc	24	MFJ	MFJ-5124K	Autotuner MFJ-993 to Kenwood	\$55.00
Antennas	26			Mobile Antenna CB	\$10.00
Antennas	27			Mobile Antenna CB	\$10.00
Antennas	28			Mobile Antenna CB	\$10.00
Accessories	31	MFJ	MFJ-868	HF / 6meter SWR/Wattmeter	\$100.00
Accessories	105	Kenwood	LF-30A	Low-pass filter	\$25.00
Power Supplies	155	Power-One	HD15-6-A	15v-6amp power supply	\$25.00

Prices are negotiable. Make an offer. All items are used and sold AS-IS.

Contact: Gordon Trout, WØKBS, (402) 580-5326 after 12 noon or w0kbs@arrrl.net

Estate and Equipment Sales

Gordon Trout, WØKBS

WØDDM

Category	Item	Brand	Model	Description	Asking
Accessories	405	Daiwa	CN-103	140-525 MHz SWR & Power Meter	\$75.00
Accessories	410	Kenwood	VFO-820		\$150.00
Accessories	411	Kenwood	VOX-3	VOX Controller	\$50.00
Accessories	412	MFJ	LSP-520BX I..I	Super Logarithmic Speech Processor	\$25.00
Accessories	414	MFJ	MFJ-986	Differential-T Tuner	\$200.00
Accessories	416	Mirage	MP2	SWR Meter	\$80.00
Accessories	417	Optolinx	CX12	PC to Radio Interface	\$25.00
Amplifiers	424	Mirage	D1010	430 to 450 Amplifier 10w-100w	\$200.00
Amplifiers	426	RFConcepts	RFC-2-23	2 meter amplifier 2w in 30w out	\$80.00
CBs	429	Radio Shack	TRC-520	wx/compass CB	\$25.00
Headphones	430	Sensiphone	Superex	Headphones	\$5.00
Power Supplies	444	Magnetic	PS 1001MR	Magnetic Regulated Power Supply	\$10.00
Scanners	446	Realistic	OptoScan456	20-144 ..Scanner	\$50.00
Test Gear	452	HP.. HP	1220A	Oscilloscope	\$100.00
Amplifiers	462	Mirage	D 1010 N	430-450Mhz Amplifier 10in-100out	\$200.00
Tuners	463	Icom	AT-180	HF/50Mhz ATU	\$300.00
Microphones	465	Astatic	D-104	Microphone with T-UG8 stand	\$50.00
Power Supplies	467	Micronta	22-120A	13.8v 2.5A Power Supply	\$20.00
Tuners	468	Icom	AH-4	ATU HF & 6 meter	\$300.00
Tuners	470	Icom	AT-180	HF/50Mhz ATU	\$300.00
Tuners	471	Icom	AT-180	HF/50Mhz ATU	\$300.00
Power Supplies	473	Astron	RS-35M	35 amp Power Supply	\$200.00

WØEGK

Category	Item	Brand	Model	Description	Asking
Accessories	6	TRAC	TE-284	Memory keyer	\$30.00
Accessories	8	TRAC		Memory keyer	30.00
Accessories	9	Viking		Phone patch	\$15.00
HTs	15	Icom	IC-4AT	440 MHz Handheld - no battery	\$40.00
HTs	16	Realistic	HTX-202	2 meter handheld - no battery	\$50.00
Keys	21	Whiterook	MK-44	Mini Paddle	\$10.00
Speakers	32	HalllCrafters	R47	Metal speaker	\$50.00
Speakers	33			Speaker	\$5.00
Speakers	34			Speaker	\$5.00
VHF	37	Kenwood	TR-2200A	Portable 2 meter	\$20.00

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 Lancaster County, Nebraska Hams.

The LOG and other LARC information are available at k0kkv.org and 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.

Lincoln Amateur Radio Club, Inc.

P. O. Box 5006

Lincoln, NE 68505

Those interested in paying their ARRL dues through LARC are encouraged to email 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/Clubhouse Activities Other \$ _____

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

Lincoln Amateur Radio Club, Inc.
P.O. 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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