

2023
October

LINCOLN LOG

Lincoln Amateur Radio Club



LARC Meeting

19:30, Wednesday, October 11
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

The Branched Oak Observatory has brought Amateur Radio in helping to bring the night sky down to earth. Designed by Doug Buhrman KØDSP, the 4 element cross polarized antenna array is situated on a commercial 25 foot tower custom designed for this installation. Utilizing an Icom-9700 and Beko amplifier we are able to provide maximum wattage to the surface of the moon. This installation is a unique one of a kind installation in the world at a public observatory. Come and enjoy the program and the journey that has made this project a reality. **Matthew N. Anderson - KAØBOJ**

Event Calendar

October

5	Th	18:30	VE Exams	College View Church	4801 Prescott Ave
11	We	19:30	LARC Meeting	LARC Clubhouse	4420 NW 41 st St
12	Th	19:30	SATERN Meeting	Salvation Army	2625 Potter St
15	Su	17:00	LARC Board Mtg	LARC Clubhouse	4420 NW 41 st St
24	Tu	23:59	LOG Deadline	Email articles & ads to log@k0kkv.org	
30	Mo	18:30	LOG Folding	LARC Clubhouse	4420 NW 41 st St

November

8	We	19:30	LARC Meeting	LARC Clubhouse	4420 NW 41 st St
9	Th	19:30	SATERN Meeting	Salvation Army	2625 Potter St
12	Su	17:00	LARC Board Mtg	LARC Clubhouse	4420 NW 41 st St
28	Tu	23:29	LOG Deadline	Email articles & ads to log@k0kkv.org	

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

2023 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 Jim Nelson WØJRN..... 402/350-2546.....w0jrn@outlook.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
Club Station Trustee Greg Brown KTØK..... 402/937-3540.....kt0k@arrl.net

2023 Committees (Committees may be subject to change)

Committee.....	Liason.....	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 ...	dragon3@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, NØADR, LARC President



Happy Fall, everyone! How are your end-of-year Amateur Radio plans coming along?

The fall education classes are underway. As a first, we are offering the Technician and Amateur Extra at the same time. I am teaching the Tech and Bryan Leavitt, WØBCL, is leading the Extra (See Page 5). Additionally, Greg Brown, KTØK, has started HF mentoring sessions in the LARC Club station (See Page 6). . Contact Greg at kt0k@arrl.net to learn more about operating HF in a casual environment. Everyone, experienced or new to HF, is welcome.

We've had a busy public service season, and it's about to wrap up for the year. The last event is the Good Life Halfsy on Saturday, November 5. Thank you to everyone who has helped this year!

It's almost election season, and the nominating committee seeks people to run for the LARC Board. Thank you to Kim Cartwright, KEØTNR; Bryan Leavitt, WØBCL; Eric Schoenleber, KØMTV; and Heather Chestnut, KDØBXA, for serving on this crucial committee. If you are interested in running for the Board, don't hesitate to contact one of these committee members or a Board member. At the

November club meeting, nominations will be accepted from the floor in addition to the nominees identified by or referred to the committee.

Please submit nominations for the annual LARC awards to Kim by Tuesday, October 31. You may email her at kcdragon3@gmail.com. (See Page 4).

Quiz question: What day in October has no radio contests? Answer: None! In addition to the ARRL contest calendar events regularly featured in the LOG (See Page 5), hundreds more are available. Check out <https://www.contestcalendar.com/contestcal.html> for a much longer list.

Keep your radios warm! I hope to see you at the next club meeting.

73 NØADR



2023 Events!

Aaron Rogge, NØADR

Here is a list of upcoming Events in 2023:

October 7 * Market to Market

October 8 * Crop Walk

November 5 * Good Life Halfsy

December 16 * Annual Holiday Party

Annual LARC Awards

Kim Cartwright, KEØTNR

The award season is upon us! Submit requests and nominations to Kim Cartwright, KEØTNR, kcdragon3@gmail.com, by Monday, October 31. Award winners will be announced at the December holiday party.

Jerry Cox Award

In the early 1950s, Jerry Cox, WØMAO, was undoubtedly the most active Ham in the Lincoln area. Though disabled and in a wheelchair, he was on the air constantly, monitoring several frequencies and providing assistance where needed. Jerry became a silent key about 1960, and his mother thought it fitting to recognize Amateur Radio operators who carried on his dedicated interest in ham radio. At the time the Jerry Cox Award came into being, it was sponsored by the Lincoln MARS Club.

The award is presented annually to a Ham whose interests closely follow Jerry's: excellent operating techniques, active in public service, and an interest in experimenting and exploring things of a technical nature. In addition, the Ham should be friendly to all and eager to help those new to the hobby. It is not designed to be a popularity contest. Nominees are to be made

by fellow Hams and the recipient is selected from those nominated. The recipient will have his or her name and call sign affixed to the award plaque, recognizing excellence in the Amateur Radio community. Please submit nominations to Ed, KØRPT ed.k0rpt@gmail.com.

Jerry Kohn Public Service Award

Jerry Kohn, WDØEGK, died of a stroke on November 2, 2008. Dr. Kohn was a family dentist to some club members, but to many more of us, he was the spark plug for numerous public service events. He was one of a handful of Hams who worked with the Cornhusker State Games every year since its inception in 1984.

There was seldom a public service event that Jerry missed. His volunteer hours total was either at the top or near the top of the list year after year. Jerry served on the LARC Board a total of 14 years, beginning in 1980. The Jerry Kohn Award was created in 2008 to recognize outstanding public service by a club member based on statistics showing total participation and factors such as total hours or bike miles.

Steve May Award

Steve May, WAØASM, loved a challenge and always worked to fix his own radios as well as those of others. He was a man who never needed recognition but was always there to help. This award recognizes a club member who sees a need and steps forward to take it on without expecting recognition and always with a smile.

Technician and Extra Classes

Bryan Leavitt WØBCL

Technician and Extra classes are in progress. They are held on Sundays from from 18:30 to 21:30. It is not too late to attend.

Details:

Location - LARC club house

4420 NW 41st Street, Lincoln

Duration -

Tech 8 weeks

Extra 12 weeks

Contact - w0bcl@arrl.net

You are strongly encouraged to get the ARRL license manual for the class.

Tech

<https://home.arrl.org/action/Store/Product-Details/productId/2003373064>

Extra

<https://home.arrl.org/action/Store/Product-Details/productId/120286>

Classes are free, there is a \$15.00 fee to take the license exam, (\$5.00 if under 18), and if you pass there is a \$35.00 fee from the FCC if you do not have a current amateur radio license. If you have a current license there is no charge from the FCC to upgrade.

ARRL Contest Calendar

ARRL

October

7-8 Collegiate QSO Party

16-20 School Club Roundup

28-29 EME 50-1296 MHz

November

4-6 November Sweepstakes - CW

18-20 November Sweepstakes - Phone

25-26 EME 50 to 1296 MHz

Board Meetings

Aaron Rogge, NØADR

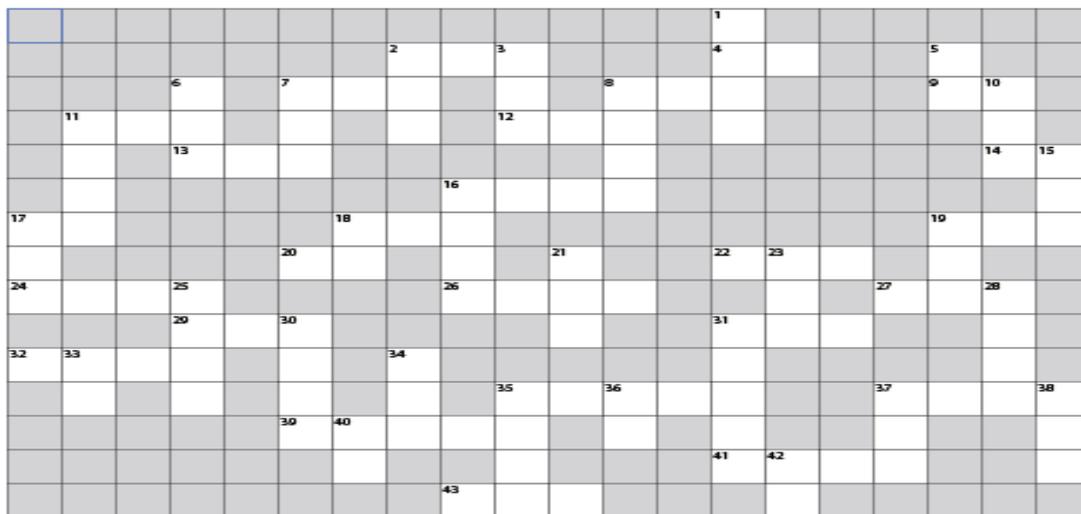
Board meetings are held at the LARC Clubhouse, 4420 NW 41st St. The next Board Meeting is Sunday, October 15, at 17:00 hours. All club members are welcome to attend.

Hands-On HF Training Sessions!

Greg Brown, KTØK

Mentoring ("Elmering" in ham radio speak) is a long tradition in Amateur Radio. Small group sessions at the LARC Club Station, are available by request. These sessions are designed to provide an "on air" experience for all participants. Contact Greg KTØK at kt0k@windstream.net or kt0k@arrl.net to schedule a session.





Across

2. The state-owned news network and international radio broadcaster of the USA.
4. Any male operator, regardless of age or marital status.
7. Type of electronic instrument that measures the resonant frequency of nearby unconnected radio frequency tuned circuits.
8. The ability to shift the transmit frequency of a transceiver while maintaining a constant receive frequency.
9. The ratio of two power measurements.
11. A measure of how much radio energy sent into an antenna system is being reflected back to the transmitter
12. Man-made noise.
13. Produce light using electroluminescence.
14. "Calling any station"
16. Transformer
17. Portable energy source.
18. Dot
19. Dash
20. Experienced radio amateur who conducts examinations for prospective new licensees.

22. Communications between hams.
24. Federal agency responsible for managing disasters.
26. Our Ham Club (abbreviation)
27. Amplitude modulation of signals containing two or more different frequencies, caused by nonlinearities or time variance in a system.
29. Also known as a Clarifier
31. Award from CQ magazine for confirmed contact with each of 40 zones.
32. Transceiver
35. A specialized form of RTTY protocol.
37. Composition of some batteries
39. Amateur radio satellite.
41. A switch that connects one center contact to one of two other contacts.
43. The common single-sideband operating mode on the 20, 17, 15, 12 and 10-meter HF amateur bands, and all the VHF and UHF bands.

Down

1. Annual event in which scouts worldwide can communicate with each other and radio amateurs using ham radio equipment.
2. A switch that operates when sound over a certain threshold is detected
3. Automatic repeat request.
5. An annual event in which portable stations are deployed.
6. "Is this frequency in use?"
7. Direct physical connection to the Earth.
8. Transmitter
10. Common push and turn connector.
11. A switch that only connects one center contact to another contact.
15. Home, home location, station location.
16. Crystal
17. Filter designed to pass a certain range of frequencies.
18. "From"
19. A system of digital broadcasting developed by a consortium of manufacturers, researchers, broadcasters and governments.
21. Low power operations.
23. Small screw on connector used on many HTs.
25. The national ham radio association for the USA.
28. Distance Advisory Committee
30. Oscillator with a temperature-sensitive reactance circuit in its oscillation loop to compensate the frequency-temperature.
31. Internet communication system which expands the range of amateur radio communication.
33. Morse code telegraphy.
34. An amplifier usually attached to an oscillator so as to reduce the drain on the oscillator output.
35. Amateur Radio Emergency Service

36. Transmitting or transmission.

37. A group of stations that meet on a specified frequency at a certain time.

38. Test tool used to measure two or more electrical values.

40. Communications mode in which a radio transmits and receives on the same frequency.

42. Low frequency audio tones used to alert or control receiving stations.

Puzzle courtesy of [Lilian Mundt KC9OTF](#)



Volunteers Needed!

Michael Long, KØSHC

The annual Market to Market Relay Race is coming up fast on October 7! We have been a part of this event since 2009 so let's keep up our commitment. If you are available to help, contact me at (k0shc13@yahoo.com), and I will try and get you on the list. If you have helped in the past and can remember where you were stationed, let me know and I will try and get you there again. Also, on November 5 is the annual HALFSEY RACE here in Lincoln. If you are interested in this event, let me know and I will have information for you soon.

Looking forward to your help!

VE Report

Chris Evens, KCØPJR,
VE Coordinator

September VE Session:

Another normal session at College View Church. This time we had five candidates who tested and passed for for a new or upgraded license. They are:

TECHNICIAN

- John Dierks, KFØNSV, Lincoln
- Eric Dinwoodle, KFØNSK, Lincoln
- Phillip Hargis, KFØNSR, Seward
- Matthew VanCleve, KFØNSN, Lincoln

GENERAL

- Brett Bieber, KFØNKS, Lincoln

Congratulations to our new licensees!

Volunteer Examiners (VE's) who participated this month are: WØBCL, KJØHN, and AJØS.

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

LOG Folding

Aaron Rogge, NØADR

Thank you to the September LOG folding crew: WDØEZI, NØJLR, KØJSL, KRØKAT, KØKPH, Jon Peterson. Ayden Rogge, Liam Rogge, and Mitch Ryan.

Join us for the next folding session!

Date: Monday, October 30

Time: 6:30 pm

Location: LARC Clubhouse, 4420 NW 41st St



Estate and Equipment Sales for October 2023

Gordon Trout, WØKBS

K0CWW

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

KA0JGH

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 & TS-130	\$10.00
Amplifiers	217	TE Systems	0510G	50 MHz 175 watts mobile amp	\$250.00

LARC

Tuners	3	MFJ	MFJ-969	Deluxe Versa Tuner	\$175.00
Tuners	4	MFJ	MFJ-989D	Versa Tuner V	\$225.00
Amplifiers	5	Ameritron	AL-811H	HF Amplifier	\$1,000.00
Accessories	6	Ameritron	ATP-100	Tuning Pulser for Amplifier	\$60.00
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
Accessories	16	MFJ	MFJ-1118	DC Power Distribution Panel	\$75.00
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-6 amp power supply	\$25.00

Estate and Equipment Sales for October 2023

Gordon Trout, WØKBS

W0DDM

Category	Item	Brand	Model	Description	Asking
Accessories	40.5	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 II	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
Accessories	422	Rig Blaster	Pro	Radio to computer interface	\$50.00
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	PS1001MR	Magnetic Regulated Power Supply	\$10.00
Scanners	446	Realistic	OptoScan	45620-144 Scanner	\$50.00
Test Gear	451	Heathkit	HD-1250	Solid State Dip Meter	\$40.00
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

WCOZ

HF Radios	501	Yaesu	FT-817ND	Compact HF/VHF/UHF Multimode	\$500.00
HTs	503	Baofeng	UV-5r	Dualband Handheld	\$15.00

Estate and Equipment Sales for October 2023

Gordon Trout, WØKBS

WD0EGK

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
Keyers	21	Whiterook	MK-44	Mini Paddle	\$10.00
Speakers	32	HalliCrafters	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

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@twc.com

Upcoming Board Elections

The nominating committee is accepting applications for the Board Of Directors Of The Lincoln Amateur Radio Club. According to the bylaws applicants must meet the following conditions:

3.01 An elected Director shall:

3.01.01 Have a vital interest in Amateur Radio and the Club.

3.01.02 Be a Full Club member for six (6) months immediately prior to nomination.

3.01.03 Be a licensed Amateur Radio Operator.

3.01.04 Not miss more than three consecutive Club or Board meetings without substantial cause.

3.01.05 Be willing to serve on one or more committees as necessary.

If you meet the above requirements and wish to run for the board, please contact a member of the nominating committee. The election will be held in December and board members serve for two years.

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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