

LINCOLN LOG 2019

January

Lincoln Amateur Radio Club



JANUARY MEETING 7:30 PM, WEDNESDAY, JANUARY 9 LI-COR, LINCOLN, NEBRASKA

JANUARY CLUB MEETING



Are you new to ham radio and experiencing interference from the neighbor's television? Have you ever thought about how the cable TV system works? How do they get all those channels on a single center conductor and are able to have two-way communications via the internet, video, and audio?

Ed Holloway, KØRPT, will give a presentation on CCTV/CATV design, from the head end to the subscriber's set-top box. He'll show you some things you may want to know about fixing your internal CCTV/CATV system to eliminate interference you may be having. We'll see you at the club meeting.

— Ed Holloway, KØRPT

EVENT CALENDAR

JANUARY

| | | | | | |
|----------|--------------|----------------|---------------------|--|-------------------------|
| W | 01/09 | 12:00 pm | QCWA Luncheon | The Eatery | 2548 S 48th St |
| W | 01/09 | 7:30 pm | LARC Meeting | LI-COR | 4647 Superior St |
| Th | 01/10 | 7:30 pm | SATERN Meeting | Salvation Army | 2625 Potter St |
| Sa | 01/12 | 11:00 am | HPQRP Homebrewers | Bredeaux Pizza | 1425 Silver St, Ashland |
| Th | 01/17 | 7:00 pm | LARC Board Meeting | Red Cross | 220 Oakcreek Dr |
| Tu | 01/22 | midnight | LOG Deadline | Email articles & ads to log@k0kkv.org | |
| M | 01/28 | 7:00 pm | LOG Folding | Red Cross | 220 Oakcreek Dr |

FEBRUARY

| | | | | | |
|----------|--------------|----------------|---------------------|--|-------------------------|
| Th | 02/07 | 6:30 pm | VE Exams | Red Cross | 220 Oakcreek Dr |
| Sa | 02/09 | 11:00 am | HPQRP Homebrewers | Bredeaux Pizza | 1425 Silver St, Ashland |
| W | 02/13 | 12:00 pm | QCWA Luncheon | The Eatery | 2548 S 48th St |
| W | 02/13 | 7:30 pm | LARC Meeting | LI-COR | 4647 Superior St |
| Th | 02/14 | 7:30 pm | SATERN Meeting | Salvation Army | 2625 Potter St |
| Th | 02/21 | 7:00 pm | LARC Board Meeting | Red Cross | 220 Oakcreek Dr |
| Tu | 02/26 | midnight | 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 (-)

LARC Web Site k0kkv.org

Twitter twitter.com/KOKKV

Facebook www.facebook.com/LARCLincoln

2018 BOARD OF DIRECTORS

| | | | | |
|---|--------------------|--------|--------------|--|
| President | Ed Holloway | KØRPT | 402/326-1139 | k0rpt@arrl.net |
| Vice President | Jeff Bennett | WØWKP | 402/432-0825 | jeff.wowkp@gmail.com |
| Secretary | Heather Chesnut | KDØBXA | | secretary@k0kkv.org |
| Treasurer | Greg Brown | KTØK | 402/937-3540 | kt0k@arrl.net |
| | Chris Brennfoerder | KCØAEO | | kc0aao@gmail.com |
| | Randy King | KØNC | 402/450-0978 | randyking1958@gmail.com |
| | Mike Long | KØSHC | 402/770-2427 | k0shc13@yahoo.com |
| | Justin Williamson | WJØTX | 402/613-4444 | wj0tx@arrl.net |
| Executive Director and Club Station Trustee | Reynolds Davis | KØGND | 402/488-3706 | reynoldsd1@aol.com |

2018 COMMITTEES

| Committee | Liaison | Chair | Phone | Email |
|-----------------------|---------|--------------------------|--------------|--|
| Activities | KCØAEO | Chuck Bennett, KDØPTK | 402/310-5003 | kd0ptk@gmail.com |
| | | Bev Bennett, KDØPTR | 402/875-2594 | kd0ptr@gmail.com |
| Bylaws | KØRPT | Jeff Bennett, WØWKP | 402/432-0825 | jeff.wowkp@gmail.com |
| Holiday Party | KDØBXA | Maureen Sadler, KDØONM | 402/366-7828 | emkay586@gmail.com |
| Awards | KØRPT | Jim Shorney, NUØC | 402/429-2135 | jshorney@inebraska.com |
| Club Station | KØNC | Bruce Steyer, KBØKA | 402/486-1714 | kb0ka.larc@gmail.com |
| Convention | KØSHC | Mike Long, KØSHC | 402/770-2427 | k0sch13@yahoo.com |
| Education | WØBCL | Aaron Rogge, NØADR | 402/617-0234 | class@k0kkv.org |
| | | Bryan Leavitt, WØBCL | 402/310-1686 | w0bcl@arrl.net |
| Emergency Coord. ARES | KØRPT | Ed Holloway, KØRPT | 402/326-1139 | k0rpt@arrl.net |
| Estate Assistance | KØRPT | Gordon Trout, WØKBS | 402/580-5326 | w0kbs@allophone.com |
| Facebook | KDØBXA | Justin Williamson, WJØTX | 402/613-4444 | wj0tx@arrl.net |
| Field Day | KDØBXA | Jeff Bennett, WØWKP | 402/432-0825 | jeff.wowkp@gmail.com |
| LOG Editors | KCØAEO | Aaron Rogge, NØADR | 402/617-0234 | log@k0kkv.org |
| | | Jeri Lyn Rogge, NØJLR | 402/327-9777 | jeri@ajrogge.com |
| Merchandise | KØNC | Randy King, KØNC | 402/450-0978 | randyking1958@gmail.com |
| KØKKV (76) Nets | KØRPT | Eric Bigham, KØJIA | 402/467-1680 | k0jia@xsmail.com |
| Public Relations | KØSHC | Justin Williamson, WJØTX | 402/613-4444 | wj0tx@arrl.net |
| Public Service | KØSHC | Mike Long, KØSHC | 402/770-2427 | k0sch13@yahoo.com |
| QSL Cards | KTØK | Greg Brown, KTØK | 402/796-2201 | gwbrownx@inebraska.com |
| Repeater | KØRPT | Ed Holloway, KØRPT | 402/326-1139 | k0rpt@arrl.net |
| Transmitter Hunts | | | | |
| Website | WØZWV | Aaron Rogge, NØADR | 402/617-0234 | n0adr@ajrogge.com |
| Club Inventory | KØNC | Larry Frisch, KDØRTK | 402/560-4565 | lfrisch@windstream.net |

PRESIDENT'S COLUMN



As we approach another year end, I want to thank all our Board members, committee chairs, and those who helped on committees this year. You all did a fantastic job of making the club

what it is: a fine organization. Our positive direction and camaraderie show in the many compliments we receive from those we help throughout the year. We saw some great programs in 2018 and had some laughs along the way. Our Christmas/Holiday party was a success with approximately 55 folks gathering to enjoy a meal together. Thanks to everyone who brought a dish to share; there was more than enough to go around. Thank you to the kind folks at the Elk's Lodge #80 for hosting again this year. We hope to make this a tradition with this very nice venue.

The annual elections were held at the December club meeting, and we welcome back to the Board Heather Chesnut, KDØBXA; Michael Long, KØSHC; and Jeff Bennett, WØWKP. Please welcome first-timer, Justin Williamson, WJØTX. Please join me in thanking Bryan Leavitt, WØBCL, and Bill Pugsley, WØZWV, for their service to the club. Their help has allowed our club

to prosper and move forward in a positive direction!

As we make plans for 2019, we look forward to providing more technically oriented club meeting programs each month, continuing education opportunities, and bringing more folks into the hobby. The changes in ARES should be interesting with new training guidelines and partnerships I have been working on this year. We want your input on the Nebraska QSO Party. We've been asked if we could take this over and run it. The groups that operated it in the past are not willing to do it any longer. Contact any Board member and let him or her know your thoughts.

Lastly, thanks to those folks who make it all happen: you, the members of LARC. Without you, we simply would not be. Happy New Year!

—Ed Holloway, KØRPT

JOIN LARC TODAY!

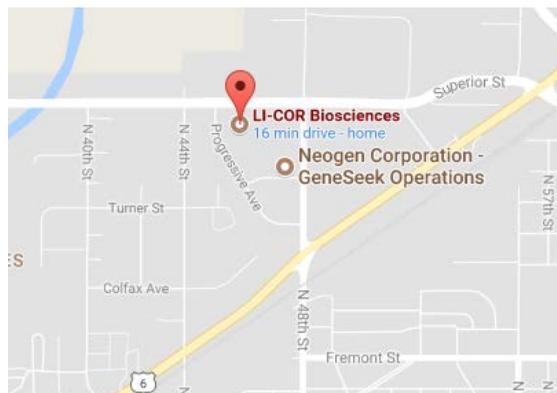
LARC membership is yearly, January through December. See the back cover of this LOG for additional details.



CLUB MEETING LOCATION

MEETING LOCATION FOR FEBRUARY

LI-COR Biosciences
4647 Superior St
Lincoln, NE 68504



GOOGLE MAPS

<https://goo.gl/maps/UEnkqgUHDB62>

— Ed Holloway, KØRPT

SOCIAL MEDIA



LARC is on Facebook and Twitter! Keep up with events, weather updates, and other topics of interest to the Ham community by liking our Facebook page and following our Twitter feed.

Search for "Lincoln Amateur Radio Club" on either network, or navigate to fb.me/LARCLincoln and twitter.com/K0KKV. You can also receive LARC Twitter updates by text message — without a Twitter account! Text "FOLLOW K0KKV" to 40404.

If you have questions or content to submit for distribution, please email me at wj0tx@arrl.net. Get social with us!

— Justin Williamson, WJØTX

DECEMBER VE EXAM



**ARRL
VEC**

We held our regular session at the Red Cross building on December 6. We had two participants who

passed their Tech exams. The results are as follows:

TECHNICIAN

- ♦ Gregory Gilmour, KEØTXE, Lincoln
- ♦ Levi Burrows, KEØTXD, Lincoln

Congratulations to our new licensees!

Volunteer Examiners (VEs) who participated this month were KCØDHM, NØJWS, KCØPJR, AEØRP, and KØSIL.

In 2018, the Volunteer Examiner team proctored 137 exams, with 67 passing. We had 71 unique individuals take examinations. Eleven Volunteer Examiners gave their time to proctor 14 exam sessions this year. Thank you to all who have helped to make our sessions possible, and I look forward to another successful year.



We will continue to meet at the Red Cross, 220 Oakcreek Drive. Upcoming exam dates are February 7, March 7, and April 4.

— Chris Evens, KCØPJR

DIGITAL LOG

Be the first to receive club news when you change your LOG delivery preference from paper to email. Email log@k0kkv.org to make the switch.

— Jeri Lyn Rogge, NØJLR

NET CONTROL NEWS

Check out and check the nightly 9:00 pm (local time) ARES net on 146.76 and practice/use/work your ham radio license a bit more!

Primary nightly net controllers:

- ◆ Mondays: Eric Vander Woude Jr, KØEVW
- ◆ Tuesdays: Mike Disney, NØDIZ
- ◆ Wednesdays: Lance Ferguson, WUØQ
- ◆ Thursdays: Bev Bennett, KDØPTR
- ◆ Fridays: Eric Bigham, KØJIA
- ◆ Saturdays: Bill Puglsey, WØZWV
- ◆ Sundays: Bryan Leavitt, WØBCL.

Backup net controllers:

- ◆ Chuck Bennett, KDØPTK
- ◆ Jason Wendt, KCØBHJ
- ◆ Justin Williamson, WJØTX
- ◆ Dan Witulski, KØORU
- ◆ Ed Holloway, KØRPT
- ◆ Mike Munson, KCØFAN
- ◆ Mike Wasserstein, KBØDNP
- ◆ Lydia Wasserstein, KCØWWR
- ◆ Bob Sindlar, KØKPH.

Welcome to Bill Pugsley, WØZWV, and Jason Wendt, KCØBHJ, as new net controllers! At the same time, we would also like to thank Justin Williamson, WJØTX, (formerly W5NEB) for all that he's done this past year as a primary net controller.

As impressive as this list may look, we are always looking for, and will eventually once again need, new net controllers. I strongly urge anyone, especially the newer "KE" stations, to give it a try and get your feet

wet. It'll speed up your ham radio operating skills by lightyears!

Please check into the nightly ARES net at 9:00 pm on .76. The more people checking in and leaving comments — not mandatory — the merrier! Checking in improves your operating skills and helps you know if your radio is working!

Catch you all on .76!

— Eric Bigham, KØJIA

SATERN WINTER FIELD DAY



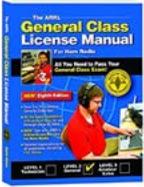
KØSAL (SATERN) will participate for 12 hours in the Winter Field Day on Saturday, January 26. We'll establish two indoor stations (20 meters and 40 meters) and possibly one indoor digital station. It will be held at The Salvation Army, 2625 Potter Street, in the garage area, beginning at noon Saturday and ending at midnight. All LARC Hams are invited to join us and encouraged to take a two-hour shift on either 20 or 40 meters beginning on the even hours, first come, first served. Bring a friend. Since the digital station is a maybe, we'll look at filling those shifts mid-January.

SATERN will provide rigs, antennas, snacks, coffee, etc.

Questions and RSVPs can be directed to Clifford Mackey at k0sal.eds@gmail.com.

— Clifford Mackey, KBØTXE

GENERAL CLASS



Is 2019 the year you'll upgrade your license from Tech to General? The Lincoln Amateur Radio Club is hosting a FREE eight-week course for the General License!

Classes begin Wednesday, January 16, at 6:30 pm. Each class will run until approximately 9:30 pm. There will be no class on club meeting night: Wednesday, February 13. The FCC exam will be held on the final class night, Wednesday, March 13.

You may choose to purchase a manual. We recommend the *ARRL General Class License Manual, Eighth Edition*, available from the [ARRL](#) and [Amazon](#).

The course will be held in Room 130 of Krueger Hall at Union College and taught by Aaron Rogge, NØADR.

Nudge a fellow Technician to join you as you learn more about Amateur Radio!

Please RSVP to n0adr@ajrogge.com.

— Aaron Rogge, NØADR

CAN YOU HEAR ME NOW?

If any Hams are having trouble getting into the .76 repeater, there are several types of inexpensive antennas that you can make yourself for about \$10.

Here are three easy designs. Google to explore options or try these ideas below:

- ♦ 2-meter coat hanger antenna: <http://radioaficion.com/cms/2-meter-vertical-antenna-built-with-coat-hangers/>
- ♦ 2-meter ground plane antenna: <http://www.hamuniverse.com/2metergp.html>
- ♦ Tiger tail or rat tail antenna: <https://w3atb.com/tiger-tail-antenna/>.

A more expensive option, one that you can make yourself with a little skill, is a 2-meter j-pole. Also, you may consider purchasing a ready-made antenna from a store. Mag mount antennas are the first and simplest that come to mind.

In any case, if you need any help putting a homebrewed or newly-purchased antenna together, please don't hesitate to ask. That's why we're here: To help! Trust me, they will help, transmitting frustration at a minimum!

— Eric Bigham, KØJIA



Advertise here

Email log@k0kkv.org for details

DECEMBER LOG ASSEMBLY CREW



Thank you to the following fabulous individuals who braved cold, icy weather to prepare the December 2018 LOG for mailing: NØADR, WØBCL, KDØBXA, KDØDIU, WDØEZI, NØJLR, KØJSL, KRØKAT, W5NEB, KDØPTF, NØVMT, WØZWV, and Becky Pugsley.

Plan now to join us for the next folding session on Monday, January 28! When we have a crew of at least 15 people prepping the LOG, the job is easy and fun for everyone.

— Jeri Lyn Rogge, NØJLR

LARC MEMBERS PAY IT FORWARD

The Lincoln Salvation Army is in the business of helping those less fortunate 365 days a year.

This year during its December meeting, LARC members generously donated nonperishable food items for the Salvation Army in Lincoln.

Bev Bennett, KDØPTR, and Chuck Bennett, KDØPTK, transported the donated items, and Clarice Mackey, KDØSXU, and Theresa Tuttle, Salvation Army Program Director, accepted the donation on behalf of the Lincoln Salvation Army.

Thank you, LARC members, for your generosity!

— Chuck Bennett, KDØPTK

ANTENNAS: HEIGHT MATTERS!



A couple of months ago, I raised my 5/8th triple stack 2-meter/70-cm antenna about eight feet and swapped out the lesser-quality coax with better. Man, what a difference a few feet will make! Although my home is a bit higher here in

Lincoln than most places, with the increased height and better coax, most of the time I can hit almost all of the 2-meter repeaters in Western Iowa. Previously, I was lucky to hit only a couple on a good night!

My old setup was 19 feet tall from base to tip. Now, with the new section of pole, the mast is roughly 27 feet to the base of the antenna and 44 feet to the tip. It's almost as tall as the top of my giant oak trees!

My antenna is a Tram 1481, and the new coax is LMR-400. Now, all I really need to wait for is a good windstorm to test the strength of the mast. If you need a little more signal strength, consider raising your antenna. Height matters!

— Eric Bigham, KØJIA

HAVE A GREAT IDEA FOR LARC?

Have you brewed up a great idea for education, social outings, fundraisers, club meetings, or more? Email your ideas to log@k0kkv.org.

2019 NEBRASKA HAMFEST

Nebraska State ARRL Convention

2019 March 9

Lancaster Event Center

Lincoln NE



84th & Havelock Streets

8:00 a.m.- 3:00 p.m.

ARRL Sponsored

Vendor,
Flea Market
Information

PROGRAM-FORUMS-DEMOS-DISPLAYS FLEA MARKET-FCC TESTING

Doors open at 8:00 a.m.
Displays and Estate Sales begin 8:00 a.m.
VE Testing and forums begin at 9:00 a.m.

GENERAL ADMISSION

- 16 yrs and up \$8.00
- Below 16 yrs-free
- LARC members \$5

Must be present to win all drawings

SPECIAL PRIZE DRAWINGS ALL DAY

GRAND PRIZES DRAWING 2:30 P.M.

(ONE) \$300 GIFT CERTIFICATE TO ASSOCIATED RADIO
(TWO) \$200 GIFT CERTIFICATES TO ASSOCIATED RADIO



State Sponsored Event



www.lincolnhamfest.org

Lancaster Event Center (Lincoln Room) 84th & Havelock Lincoln NE

2018 LARC AWARD WINNERS

It was a privilege to honor these LARC members for their hard work and dedication at the Holiday/Christmas party. Thank you, LARC Board and members, for your nominations and support of these fine individuals!

— Ed Holloway, KØRPT



Steve May Award: Randy King, KØNC



Jerry Kohn Public Service Award: Peggy Kirby, KDØNQ



Ed Woerner Mentoring Award: Michael Long, KØSHC



Jerry Cox Memorial Award: Justin Williamson, W5NEB/WJØTX

NEWS FROM THE ARRL

WRTC 2022 Organizing Committee Unveils New Website, Initial Qualification Rules



The World Radiosport Team Championship 2022 (WRTC 2022) Organizing Committee has debuted

its [official website](#) and [Initial Qualification Rules](#) — already under debate — to be selected as a WRTC 2022 team leader. While 2022 may seem a long way off, qualifying events — 24 in all — take place between February 2019 and November 2020. Each qualifying event has a point value that's used in calculating qualifying scores, and each entry category has been assigned a weighting factor.

"Please don't think that WRTC is only for Top Guns," the announcement said. According to the announcement, WRTC 2022 Selection Areas are much smaller, so that operators on all continents will have more chances to qualify. Team leaders, once established, will select a team member from among the top applicants who did not qualify as team leaders. "WRTC 2022 is now for everybody. The only things that you will need are commitment, motivation, and skill!" the announcement said.

An [email reflector](#) has been set up to field "suggestions, corrections, and new ideas" on the Initial Qualification Rules, and the Final Qualification Rules will be published on January 31.

The first qualifying event is the [ARRL International DX Contest](#) CW. WRTC 2022 will be held in Bologna, Italy.

Third Wednesday Monthly Communications Exercises Set



FEMA Region 10 will conduct monthly communications exercises (COMMEX) on the third Wednesday of each month, starting on January 16,

1730 – 1900 UTC. Amateur Radio operators are invited to take part. The intent of these exercises is to test and exercise interoperable communication (federal/state/local/tribal/Amateur Radio) during a major disaster in which the communication infrastructure is significantly damaged or destroyed.

FEMA Region 10 will use the callsign WG910. Other stations associated with agencies and organizations that provide response support in accordance with the National Response Framework are encouraged to participate.

The COMMEX will use these "dial" or "window" frequencies on 60 meters — including 5,330.5 kHz, 5,346.5 kHz, 5,357.0 kHz, 5,371.5 kHz, and 5,403.5 kHz — as part of the exercise. The area of operation is the continental US.

MORE INFORMATION:

WRTC article: <http://www.arrl.org/news/wrtc-2022-organizing-committee-unveils-new-website-initial-qualification-rules>

FEMA article: <http://www.arrl.org/news/third-wednesday-monthly-communications-exercises-set>

RADIO SPORT

JANUARY

- ◆ 1 Straight Key Night
- ◆ 5 Kids Day
- ◆ 5-6 RTTY Roundup
- ◆ 19-21 January VHF

FEBRUARY

- ◆ 11-15 School Club Roundup
- ◆ 16-17 International DX–CW

MARCH

- ◆ 2-3 International DX–Phone

APRIL

- ◆ 14 Rookie Roundup–Phone

— ARRL Contest Calendar

DIGITAL LOG?

Did you know that you could receive the LOG in digital form via email? What's the big deal about receiving the digital LOG?

- The LOG prep team says, "Thank you!"
- Saves your club money on printing costs.
- One less thing to toss, recycle, or use to line the bird cage.
- Color photos!
- Get the first look at news, estate sales, and event updates when your digital LOG arrives days before the print edition!

Sign up for the digital LOG at k0kkv.org/lincoln-log.

—Jeri Lyn Rogge, NØJLR

2019 LARC DUES

It is time to renew your 2019 membership. LARC memberships run on the calendar year, January through December.

You may renew at any club meeting, online at k0kkv.org/membership, or fill out the form on the back page and mail it in.

Your dues help keep this club running and provide for things like the monthly LOG. If you enjoy what this club does and this LOG, please renew or begin your membership.

—Aaron Rogge, NØADR

BEST CHOICE UPC LABELS



Please bring UPC labels from Best Choice products purchased at Russ's or Super Saver to club meetings.

SUPPORTING BUSINESS MEMBERS

BRENT MANSHEIM INSURANCE

4848 Normal Blvd, Lincoln, NE 68506

COLLEGE VIEW DENTAL

3933 S 48th St, Lincoln, NE 68506

ABOUT

Supporting Business Members help offset the cost of producing this LOG and maintaining the LARC website, K0KKV.org. Check them out and let them know you appreciate their support.

To learn more about becoming a supporting business member, contact Ed Holloway, KØRPT, at 402/326-1139 or k0rpt@arrl.net.

ABOUT THE 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, as well as furthering the experience of those already licensed, and to create international good will.

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

If your label says, "COMPLIMENTARY," please consider joining the club and supporting its activities. Even if you are not currently active, your contribution will help to ensure the future of Amateur Radio. Annual dues are only \$20. For your convenience, please join by completing and mailing in the form below or visit k0kkv.org and use PayPal.

The *LOG* solicits your input. If you have an idea for an article, wish to contribute an article or photo, or want to place an ad in the *LOG*, contact the editors at log@k0kkv.org. The deadline for each issue is generally the last Tuesday of the previous month.



The *LOG* and other Lincoln Amateur Radio Club information are available at k0kkv.org and at 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 Registration Form

Personal Information

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip+4: _____

Phone: _____ Email Address: _____

License Class: Novice Tech General Advanced Extra

Membership Information

LARC (\$20 / Calendar Year: Jan - Dec) Year: _____

ARRL: The National Association for Amateur Radio (\$49 / year)

New Renewal

Optional Donations

Equipment fund \$: _____

Social activities \$: _____

Administrative use only:

- Cash
- Credit Card
- Check
- Data Uploaded

Make checks to: Lincoln Amateur Radio Club, Inc.

PO Box 5006

Lincoln NE 68505-0006

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