

2025

October

LINCOLN LOG

Lincoln Amateur Radio Club

LARC Meeting Wednesday, October 8th - 19:30 LARC Clubhouse | 4420 NW 41st St, Lincoln, NE

Jim Nelson, WØJRN, graciously agreed to give us a presentation based upon antennas and bonding. He will tell us what antennas may be the best and some that may not be. I'm told that he gave this presentation to the BARC club and it was AWESOME. Come with questions as Jim will likely have the answers you need. See you at the club meeting!
Ed, KØRPT

Calendar

October

- 08 .We 19:30.....LARC Meeting LARC Clubhouse.....4420 NW 41st St
- 09..Th.. 19:30SATERN Meeting..... Salvation Army2625 Potter St
- 11..Sa.. 06:00Market to Market Relay See page 4 for more info
- 26..Su.. 23:59 LOG Deadline - Email articles & ads to log@k0kkv.org

November

- 01..Sa.. 09:00 QCWA Luncheon HY-Vee 1601 N 84st St
- 03..Mo 18:30 LOG folding LARC Clubhouse 4420 NW 41st St
- 06..Th.. 18:30 VE Exams College View Church 4801 Prescott Ave
- 12 .We 19:30.....LARC Meeting LARC Clubhouse.....4420 NW 41st St
- 13..Th.. 19:30SATERN Meeting..... Salvation Army2625 Potter St
- 23..Su.. 23:59 LOG Deadline - Email articles & ads to log@k0kkv.org



Club Repeater **KØKKV 146.760 (-)**

Twitter twitter.com/k0kkv

LARC Web Site www.k0kkv.org

Facebook www.facebook.com/LARCLincoln

2025 Board of Directors

Position	Name	Call	Phone	Email
President	Ed Holloway	KØRPT	402/326-1139	k0rpt@arrl.net
Vice President	Bryan Leavitt	WØBCL	402/310-1686	w0bcl@arrl.net
Treasurer	Alex Lewis	W3ALX	402/202-8830	alex.w3alx@gmail.com
Secretary	Aaron Rogge	NØADR	402/617-0234	n0adr@ajrogge.com
Member	Shaun Munson		402/853-6523	k0smm@arrl.net
Member	Fred Wiebelhaus	KØFJW	402-992-7653	fwiebelhaus@outlook.com
Member	Roark Pyle	WØLNE	402/318-1452	w0lne@arrl.net
Member	Kenneth Cohn	KCØHN	402/310-8526	kc0hn.ne@gmail.com
Club Station Trustee	Greg Brown	KTØK	402/937-3540	kt0k@arrl.net

2025 Committees

Committee	Liaison..	Chair	Phone	Email
Activities	KØRPT	Kathleen Rogge, KRØKAT	402/617-1466	kathleen@ajrogge.com
Awards	KØFJW	Ed Holloway, KØRPT	402/326-1139	k0rpt@arrl.net
Audit	W3ALX	Greg Brown, KTØK	402/937-3540	kt0k@arrl.net
Bylaws	NØADR	Alex Lewis, W3ALX	402/202-8830	alex.w3alx@gmail.com
Club Inventory	KØSMM	Fred Wiebelhaus, KØFJW	402-992-7653	fwiebelhaus@outlook.com
Club Station	KØRPT	Greg Brown, KTØK	402/937-3540	kt0k@arrl.net
Education	NØADR	Bryan Leavitt, WØBCL	402/310-1686	w0bcl@arrl.net
Estate Assistance	KØFJW	Todd Mason, NØTFM	402/405-3603	tfmason@windstream.net
Field Day	KØRPT	Shaun Munson, KØSMM	402/853-6523	k0smm@arrl.net
Holiday Party	NØADR	Ed Holloway, KØRPT	402/326-1139	k0rpt@arrl.net
LOG Editor	WØBCL	Jean Leavitt, KØJSL	402/310-9964	log@k0kkv.org
Mentorship	KØSMM	Greg Brown, KTØK	402/937-3540	kt0k@arrl.net
Public Relations	KØRPT	Shaun Munson, KØSMM	402/853-6523	k0smm@arrl.net
Public Service	KCØHN	Aaron Rogge, NØADR	402/617-0234	n0adr@ajrogge.com
QSL Cards	W3ALX	Greg Brown, KTØK	402/937-3540	kt0k@arrl.net
Tower/Antenna Crew	KØRPT	Shaun Munson, KØSMM	402/853-6523	k0smm@arrl.net
Transmitter Hunts	KØSMM	Todd Mason, NØTFM	402/405-3603	tfmason@windstream.net
TVI/RF	KØRPT	Shaun Munson, KØSMM	402/853-6523	k0smm@arrl.net
Website	NØADR	Alex Lewis, W3ALX	402/202-8830	alex.w3alx@gmail.com

President's Message

Ed Holloway, KØRPT, LARC President



Thanks so much to all who came out to the Flea Market in the Drive. There were a lot of deals and quite a few in attendance.

Public Service is still on the agenda. Please see the calendar and help out if you can.

Elections to the Board of Directors is at the club meeting in December. If you would like to run, get in touch with Greg, KTØK.

Game night is October 8th. Come have some fun! Holiday Party is coming also. I look forward to seeing everyone. Hey, Awards will be given at the holiday party. If you know someone who deserves to be recognized, call me, Ed, KØRPT, at 402-326-1139.

LARC Awards

Ed Holloway, KØRPT

Please send any proposed awards recipients to me at kØrpt@arrl.net. Give me a paragraph of why you believe this person should receive the award. Awards are given out at our annual holiday party.

VE Exam Session

Chris Evens, KCØPJR

August VE Session:

We had a slow month in September in that we did have our one session at the College View Church on Thursday the 4th. Unfortunately, we

didn't have any candidates show up so nothing to report other than the VEs that arrived to support the candidates. In lieu of having candidates to report on this month, we will report statistics of the last year. Numbers are from September 2024 to September 2025:

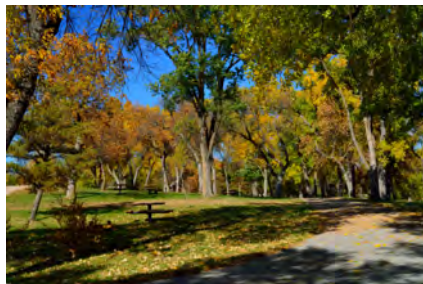
Total Candidates	80
Total Candidates who Passed Tests	73
Percentage Candidates Passing Tests	91%
Total Number of Tests Proctored	168
Total Number of Tests Passed	99
Percentage Pass Rate	59%
Active VEs in Last 12 Months	17

Excellent numbers keeping in mind that failed exams also include the free additional exam each candidate is able to take after passing their first one. This means they took a test they didn't study for that additional exam. This also includes candidates that may have failed exams one month and came back the next and passed, making this number even better.

Keep up the good work and continue studying.

Volunteer Examiners (VE's) who participated this month are: WØBCL, KJØHN, ACØLD, NØPD, KCØPJR, and NEØTM.

Thank you to all for giving your time to promote and advance the great hobby of Amateur Radio.



Log Folding

Jean Leavitt, KØJSL

Thank you to the September LOG folding crew:

Jon Peterson, Ayden Rogge, Liam Rogge, Mitch Ryan, NØADR, NØJLR, KØJSL, KRØKAT, KØKPH, KC9OTF, and KF9TV.

Join us for the next folding session!

Monday, November 3, 6:30 pm, at the LARC Clubhouse.

ARRL Contest Calendar

ARRL

October

TBD	Collegiate QSO Party
11-12	EME - 5Ø-1296 MHz
2Ø-24	School Club Roundup

November

1-3	Nov Sweepstakes - CW
8-9	EME - 5Ø to 1296 MHz
15-17	Nov Sweepstakes - Phone

Market to Market Race

Michael Long, KØSHC

We are seeking volunteers to help with the Market to Market Relay Race on Saturday, October 11th, 2025. Our club has been involved with this event since its first race in 2009, and this is a fun one! If you are available to help, contact me at k0shc13@yahoo.com. If you have previously helped with this event and remember your assignment, let me know so I can place you there again.

Looking forward to hearing from you!

For Sale

Paul Mundt, KF9TV

These items are available at a good price:

Working:

- Hallicrafters S-38B BCB & SW Radio. Serviced. Works.
- Heathkit IM-58 Distortion Meter. Works.
- HP 120B Oscilloscope. Works.
- National NC-121 BCB & SW Radio. Serviced. Works.
- B&K 1465 Analog 1-Chan Scope. Semi-tested.

Untested or Known Not working

- Clegg 22er Ham Xcvr. No Tubes.
- Hallicrafters SX-111 Ham Receiver. Untested.
- Hallicrafters S-120 BCB & SW Radio. Not Working.
- Heathkit Seneca VHF-1 6/2Xmtr. Untested.
- Heathkit IM-13 bench VTVM. Untested.
- HP VTVM 400L. Untested.
- HP 608C VHF Signal Gen. Untested.
- Johnson Viking 1 Ham Transmitter. Not Working.

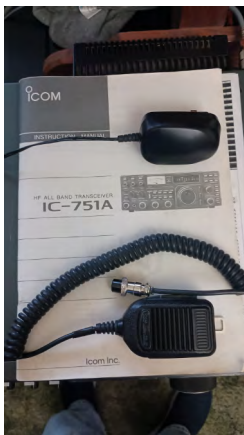
“Works” means that it is not dead and some functions have been tested. Text/Call/Email for details or pictures. Very negotiable. Offers ok. KF9TV, Paul, KF9TV1@gmail.com. Text: 331-401-4952.



For Sale

Roger Besch, WØWYH

I have an ICOM IC-751A for sale. It's in like-new condition. Please see the pictures below.



I am asking \$350.00 or offer. Contact me at rogbesch@gmail.com (preferred), or at 402-486-1977 (leave message please for a call back).

Thanks, Roger, WØWYH



Fundamentals of Amateur Radio Contesting

ARRL

The following is from an article submitted to the online magazine "Radio Waves" by Max Freeman, N4ML:

One of the more recent Education Department initiatives has been updating our learning center with new courses. If you are unfamiliar with the learning center, it is ARRL's place for amateur radio educational material, designed for amateur radio operators. The focus is on skills development. The learning center is also the host for our monthly On the Air webinar, which is a monthly hour-long live show about a host of topics for the new amateur radio operator, we've covered topics like programming your handheld, SSTV, digital mode operation, and foxhunting.

The course updates we're highlighting here is our new Fundamentals of Amateur Radio Contesting course. Contesting can be a daunting task to get involved in if you're starting from scratch. Thus, our contesting course takes you through everything you need to set up your station for contesting, including how to operate a contest and guides on how to participate in the major contests.

ARRL's learning center also serves as a great resource for schools, a place to send students for independent learning and to play in a school club meeting to fill in areas where you may not be an expert.

Check the full course and other great courses out at learn.arrl.org.

Amateur Radio Emergency Preparedness Act

ARRL

The following are excerpts from an article on the ARRL Website:

An increasing number of American homes are subject to private land-use restrictions - particularly in HOA-controlled developments - which places many radio amateurs in places that bar exterior antennas. The restrictions mean that many hams cannot develop and practice the skills necessary to meet the fundamental principles of the Amateur Radio Service as defined by federal regulation. Removing these barriers is a matter of national preparedness.

ARRL The National Association for Amateur Radio® has launched a nationwide grassroots campaign aimed at securing the passage of federal legislation that would grant Amateur Radio Operators the same rights to install antennas on their property as those enjoyed by users of TV antennas, wireless internet, and flagpoles.

The campaign was announced in an ARRL Member Bulletin on September 17, 2025. It follows the reintroduction of the Amateur Radio Emergency Preparedness Act in February 2025. The bipartisan bills, H.R.1094 in the House, and S.459 in the Senate, are designed to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas, even when such antennas are hidden in trees, placed in attics, mounted on vehicles, or look like flagpoles.

"This legislation is about restoring equal rights to licensed Amateur Radio operators," said ARRL President Rick Roderick, K5UR. "These restrictions hinder not only the enjoyment of Amateur Radio, but also its vital role in emergency communications during disasters."

Public Support Needed for Passage

To advance the legislation, ARRL is calling on its members and all licensees of the US Amateur Radio Service to take action by sending letters to their congressional representatives. Through a dedicated online tool at send-a-letter.org/hoa, amateurs can easily generate and submit predrafted letters with just a few clicks.



What To Know About Coaxial Cable

Coaxial cable is a mainstay in Amateur Radio, and it would be very difficult, if not impossible to replace its usefulness. There are a number of factors to consider when using "coax", and they must be addressed to use it properly.

Impedance - 50 ohms. Standard for Amateur Radio, although other impedance's can be used for specialized applications, their use will normally result in an increase in the SWR.

Size - Many characteristics of a coaxial cable are related to its size including: signal loss, maximum power transmission, flexibility, connector installation, cost, and durability. The chart below gives some characteristics of different types of 50 ohm coax. Note that cable size increases from top to bottom. First number is maximum power in watts, second number is attenuation in dB per 100 feet.

MHz	30	50	150	450
Type	=====	=====	=====	=====
RG-59	500/2.2	400/2.4	250/4.0	NR
RG8X	350/2.0	280/2.1	150/4.7	80/8.6
LMR-240	1490/1.3	1150/1.7	660/3.0	380/5.3
RG-213	1800/1.2	1200/1.5	620/2.8	300/5.1
LMR-400	2100/0.7	1700/0.9	1000/1.5	550/2.7

A change of 3 dB equals a doubling or halving of the power. If you were to use 100 feet of RG-8X at 450 MHz, and send 100 watts from your transmitter, only about 15 watts would reach the antenna, the rest of the power will be dissipated as heat in the coax.

Composition - Center conductor, can be solid or stranded copper, copper clad aluminum, (CCA) or copper clad steel (CCS). Due to the edge effect, copper clad conductors are about as effective as pure copper, however aluminum breaks easier but is less expensive than copper. **Dielectric**, usually made of solid or foamed polyethylene. The solid is more resistant to bending and push through but is also heavier and more expensive. **Shielding**, the best cables have two shields, one is a foil wrap and the other braided copper or aluminum. If there is only one shield it is usually braided. Dual shields are very effective at preventing RF energy from leaving or entering the cable. **Outer cover**, is usually made from PVC or polyethylene. PVC is cheaper but less resistant to UV and does not wear as well as polyethylene. Water inside a coax cable will ruin it. Cables that are listed as direct burial have a special gel between the cover and the braided shield. The gel prevents water from spreading inside the cable even if the outer covering is damaged.

TECHNICIAN CLASS IS HERE

When - Monday evenings from 18:30 to 21:30

Where - LARC Club House - 4420 NW 41st Street in Lincoln

Pre registration is appreciated but not required - walk ins are welcome

Even though the class has started, it is not too late to join

Please contact Bryan, W0BCL

w0bcl1@gmail.com

Having a copy of the ARRL technician manual is recommended

Please note that the club house is West of the Lincoln airport, access from NW 48th street

Lincoln Amateur Radio Club Registration Form

Name: _____ Call Sign: _____

Address: _____

City: _____ State _____ ZIP+4: _____

Phone: _____ Email: _____

License Class: None Novice Tech General Advanced Extra

Memberships

LARC (\$15.00 Full, \$10.00 Associate*) Year: _____ \$ _____

LARC (\$10.00 First-time members-first year only) Year: _____ \$ _____

Lincoln Repeater Club (\$10.00/year) Year: _____ \$ _____

Donations

General Fund Equipment/Clubhouse Activities Other \$ _____

Enclose check payable to:

Total Due: \$ _____

Lincoln Amateur Radio Club Inc.

PO Box 5006, Lincoln, NE 68505-0006