

LARC Meeting
Wednesday, July 09th - 19:30
LARC Clubhouse | 4420 NW 41st St, Lincoln, NE

Electricity

July's club meeting will be one for the books. Lincoln Electric System Electricity Education will be on scene to present all electricity hazards with their education truck and you won't want to miss this! For all the new hams that have not seen this presentation, you'll certainly walk away with a very new respect for electricity. Come see the presentation!

Ed Holloway, K0RPT

Calendar

July

- 09 We 19:30 LARC Meeting LARC Clubhouse 4420 NW 41st St
10 Th 19:30 SATERN Meeting Salvation Army 2625 Potter St
12-1 Sa-Su Cornhusker State Games
19-20 .. Sa-Su Cornhusker State Games
27 Su 23:59 LOG Deadline - Email articles & ads to log@k0kkv.org
31 Th Lancaster Super Fair

August

- 01- 09 . Fr-Sa Lancaster Super Fair
02 Sa 09:00 QCWA Luncheon HY-Vee 1601 N 84st St
04 Mo 18:30 LOG Folding LARC Clubhouse 4420 NW 41st St
07 Th 18:30 VE Exams College View Church 4801 Prescott Ave
13 We 19:30 LARC Meeting LARC Clubhouse .. 4420 NW 41st St
14 Th 19:30 SATERN Meeting Salvation Army 2625 Potter St
27 Su 23:59 LOG Deadline - Email articles & ads to log@k0kkv.org



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



A very busy summer so far. CSG are coming up and Aaron could sure use your help. Bryan gave us a great presentation on connectors. Looking forward to LES coming out and

presenting in July. Keep in mind and if you have the time, sign up for golf carts at Lancaster Super Fair. We'll have 12 carts per shift to fill and having running. Thanks in advance! See you at the club meeting!!!

Cornhusker State Games

Aaron Rogge, NØADR

Mark your calendars! The 41st Cornhusker State Games are scheduled for July 12-13 and July 19-20.

We are scheduled to help with Road Race 5K (July 12), Gravel Grinder (July 12), Mountain Bike (July 19), and lunch deliveries (July 12-13 and July 19-20).

A sign-up form is available online at <https://bit.ly/LARC-CSG>, or you can email me at nøadr@ajrogge.com with which events you can volunteer for.

LARC has assisted with the Cornhusker State Games since the very first game. Thank you for your continued assistance. The Nebraska Sports Council depends upon us each year and is very thankful for all we do.



Lancaster County Super Fair

Ed Holloway, KØRPT

Lancaster Super Fair Golf Cart Drivers needed. Dates are July 31st thru August 9th. If you can help, we have 12 carts per shift and would love to fill them. I will be alternating net control operators again this year. We would love to see you all again. Please call Ed, KØRPT at 402-326-1139. I will have the sheets at the club meeting and I have them on my person. Call anytime!

Thanks!
Ed, KØRPT



The Radio Amateur's Code

ARRL

The Radio Amateur is

Considerate: The radio amateur never knowingly operates in such a way as to lessen the pleasure of others.

Loyal: The radio amateur offers loyalty, encouragement and support to other amateurs, local clubs, and the IARU Radio Society in their country.

Progressive: The radio amateur keeps their station up to date. It is well-built and efficient. Their operating practice is above reproach.

Friendly: The radio amateur operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

Balanced: Radio is a hobby, never interfering with duties owed to family, job, school or community.

Patriotic: The radio amateur's station and skills are always ready for service to country and community.

(ARRL - Adapted from the original Amateur's Code, 1928.)

VE Exam Session

Chris Evens, KCØPJR

June VE Sessions:

We get to report on only one session in June as Field Day took place after the LOG was sent to the printer. Field Day candidates will be reported in next month's issue. This just means we only had one session in June to report on - our normal 1st Thursday of the month at the College View Church. We had a total of eight candidates, of which seven successfully passed an exam to get a new or upgraded license. There was at least one in each class. They are as follows:

TECHNICIAN

- Robert Fenton, KFØUMH, Lincoln
- Grant Ross, KE2GEI, New Windsor, NY
- Keith Snyder, KFØULY, Lincoln

GENERAL

- Benjamin Hammons, KFØTVB, Lincoln
- Rolland Sage, KFØSRO, Nebraska City
-

EXTRA

- Thomas Kent, KFØTJK, Davey
- Amber Tannehill, KFØTOC, Bennet

Congratulations to our new licensees! Volunteer Examiners (VE's) who participated this month are: WØBCL, KCØDHM, KØNC, KCØPJR, and NEØTM. Thank you to all for giving your time to promote and advance the great hobby of Amateur Radio.—Chris Evens, KCØPJR

ARRL Announces Logbook of The World® Systems Upgrade

06/20/2025

ARRL's Logbook of The World® (LoTW®) is the 2nd most popular benefit among members. It is also an extremely popular service internationally for non-members, as it is the primary means for providing confirmations for ARRL Awards, such as DXCC and Worked All States.

As a part of the ongoing modernization of the ARRL systems infrastructure, LoTW will be receiving major upgrades to the operating system it is running on, the relational database system it uses to store and access logbook and awards data, and server hosting, where it will be fully migrated to the cloud. These changes will, among other improvements, ensure LoTW performance needs can be better met based on user demand.

LoTW will be unavailable from June 27 to July 2, 2025, to complete these upgrades. We will bring LoTW back online if it is available sooner than July 2.

Logbook of The World can be found at lotw.arrl.org. More information about the popular service is available at www.arrl.org/logbook-of-the-world.

If you are a user of LoTW and not an ARRL member, please become a supporter of LoTW by making a \$20 (or more) donation to the ARRL LoTW Fund or visit www.arrl.org/donate.

Very 73, and see you on the air!

David A. Minster, NA2AA
ARRL CEO

Lancaster Super Fair



Volunteers Needed

Thursday July 31st thru Saturday August 9th

Early Shift

10:30AM to 4:00PM

Late Shift

4:00PM to 11:00PM

Thur. Jul. 31st thru Sun. Aug. 3rd Both shifts

Mon. Aug. 4th thru Thur. Aug. 7th Only Late Shift

Fri. Aug. 8th and Sat. Aug 9th Both Shifts

Call Ed, KØRPT at 402-326-1139

Come Have Some Fun!

Local, County, and State Governments Proclaim Value of Amateur Radio

06/22/2025

The Amateur Radio Service is of great value to communities around the nation. Through served agencies, the trained corps of technical and civic-minded operators provide a no-cost service to the public that has shown to be valuable before and When All Else Fails®.

The 2025 hurricane season has been forecast to be above normal by the National Oceanic and Atmospheric Administration (NOAA). As we saw just last year in the aftermath of Hurricane Helene, ham radio saves lives through volunteers who use their skills and equipment during emergencies by providing surface weather observations, relaying messages from shelters, and providing health and welfare information to concerned loved ones.

“While ARRL Field Day is a fun, social, occasion to get together and get on the air, it also serves as an opportunity to test equipment in a way that it would be needed in a time of crisis. The same people who come to visit your site under blue skies are the community members who would be served in an identical manner during and after an emergency,” said ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX.

In recognition of the value of amateur radio, government officials at all levels have issued proclamations and citations across the country. On the [ARRL amateur radio proclamations page](#), you can see the many official documents that have been sent to us at ARRL Headquarters.

“We all know how great the ham community is, but seeing all the proclamations come in around Field Day gives perspective to the efforts of radio amateurs. To have a governor or a council member recognize June as Amateur

Radio Month truly honors the impact hams have on their community,” said Harrop.

ARRL



• GEOMAGNETIC STORMS

A geomagnetic storm is a major disturbance of Earth's magnetosphere that occurs when there is a very efficient exchange of energy from the solar wind into the space environment surrounding Earth. These storms result from variations in the solar wind that produces major changes in the currents, plasmas, and fields in Earth's magnetosphere. The solar wind conditions that are effective for creating geomagnetic storms are sustained (for several to many hours) periods of high-speed solar wind, and most importantly, a southward directed solar wind magnetic field (opposite the direction of Earth's field) at the dayside of the magnetosphere. This condition is effective for transferring energy from the solar wind into Earth's magnetosphere.

The largest storms that result from these conditions are associated with solar coronal mass ejections (CMEs) where a billion tons or so of plasma from the sun, with its embedded magnetic field, arrives at Earth. CMEs typically take several days to arrive at Earth, but have been observed, for some of the most intense storms, to arrive in as short as 18 hours. Another solar wind disturbance that creates conditions favorable to geomagnetic storms is a high-speed solar wind stream (HSS). HSSs plow into the slower solar wind in front and create co-rotating interaction regions, or CIRs. These regions are often related to geomagnetic storms that while less intense than CME storms, often can deposit more energy in Earth's magnetosphere over a longer interval.

Storms also result in intense currents in the magnetosphere, changes in the radiation belts, and changes in the ionosphere, including heating the ionosphere and upper atmosphere region called the thermosphere. In space, a ring of westward current around Earth produces magnetic disturbances on the ground. A measure of this current, the disturbance storm time (Dst) index, has been used historically to characterize the size of a geomagnetic storm. In addition, there are currents produced in the magnetosphere that follow the magnetic field, called field-aligned currents, and these connect to intense currents in the auroral ionosphere. These auroral currents, called the auroral electrojets, also produce large magnetic disturbances. Together, all of these currents, and the magnetic deviations they produce on the ground, are used to generate a planetary geomagnetic disturbance index called Kp. This index is the basis for one of the three NOAA Space Weather Scales, the Geomagnetic Storm, or G-Scale, that is used to describe space weather that can disrupt systems on Earth.

During storms, the currents in the ionosphere, as well as the energetic particles that precipitate into the ionosphere add energy in the form of heat that can increase the density and distribution of density in the upper atmosphere, causing extra drag on satellites in low-earth orbit. The local heating also creates strong horizontal variations in the ionospheric density that can modify the path of radio signals and create errors in the positioning information provided by GPS. While the storms create beautiful aurora, they also can disrupt navigation systems such as the Global Navigation Satellite System (GNSS) and create harmful geomagnetic induced currents (GICs) in the power grid and pipelines.

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:

Lincoln Amateur Radio Club Inc.

PO Box 5006, Lincoln, NE 68505-0006

Total Due: \$ _____