



LARC Meeting

19:30, Wednesday, July 12

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: Climbing and Maintaining Antenna Towers

Eric Schoenleber, KØMTV

Summer is full of excitement and activities, and it tends to be the ideal time weather-wise for antenna work. When that work involves altitudes beyond what a ladder can practically reach, as in the case of a tower-based installation, it's often necessary to climb to install, maintain, or decommission one or more antennas or the mounting equipment or associated cabling. For July's club meeting, I'll be giving a high-level view of what that entails, safety things to keep in mind, and tips and tricks.

I'm by no means the most experienced climber or tower technician who'll even probably be in the room, but I did a tower for Future Technologies, which is now Nextlink, who provides internet access to the club building and 16,000 square miles of Nebraska. I've been in an IT-related field since 1996, and have installed, maintained, or decommissioned quite literally thousands of outdoor communication devices in that time.

It should be noted that this is not meant to make sure anyone is ready to just climb and perform these tasks, nor is it meant to dissuade you from taking them on. It's just a presentation as to some ins and outs of what I've run into, and some generally good things to know.

Event Calendar

July

| | | | | |
|-------|-----------------|--|-----------------------|-----------------------------------|
| 6 | 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 19:30 | SATERN Meeting | Salvation Army | 2625 Potter St |
| 15 | Sa 06:00 | CSG | Various | |
| 16 | Su 17:00 | Board Meeting | LARC Clubhouse | 4420 NW 41 st St |
| 22-23 | Sa, Su | CSG | Various | |
| 25 | Tu Midnight | Deadline for Log articles, Email to log@k0kkv.org | | |
| 29-30 | Sa, Su | CSG | Various | |
| 31 | Mo 18:30 | LOG Folding | LARC Clubhouse | 4420 NW 41 st St |

Lincoln Amateur Radio Club, Inc

PO Box 5006 | Lincoln, NE 68505

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 | cdragon3@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 | cdragon3@gmail.com |
| Bylaws | NØADR | Alex Lewis, W3ALX | 402/202-8830 | alex.w3alx@gmail.com |
| Club Inventory | KØSMM | Kim Cartwright, KEØTNR | 402/430-1506 | cdragon3@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 | cdragon3@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 Summer!
I hope everyone is getting a chance to go outside and enjoy the warmth.

We just finished another successful Field Day. Thank-you to Shaun Munson, KØSMM, who headed it

up, and all the great volunteers who made it possible. I know several who put in many hours! The VE session was a success with upgrades and a new Ham. During the Saturday evening potluck, Matt Anderson, KAØBOJ, presented LARC with a beautifully framed State of Nebraska Proclamation, designating June 19-25, 2023, as Amateur Radio Week. Thank-you again to everyone who made Field Day a success.

On the horizon are the two largest public service events of the year. The first is the Cornhusker State Games, which begins on Saturday July 15, and concludes on Sunday, July 30. No sooner is that over than we start helping with the Lancaster County Super Fair. There is still time if you haven't signed up for either of these events. To help with the Cornhusker State Games, contact me at n0adr@ajrogge.com.

For the fair, contact Ed Holloway, KØRPT, at ed.k0rpt@gmail.com.

Are you looking for something different to do this summer? Consider heading out to one of Nebraska's many state parks and activating it. You don't need a fancy system to activate a park. To learn more about Parks on the Air (POTA), visit <https://parksontheair.com/>.

Due to the heat, the next club meeting will be held at the south end of the hall. The space is smaller, but it has air conditioning!

I look forward to seeing you at the next club meeting.

73 NØADR



Event Calendar (Continued)

August

| | | | | |
|------|----------|-----------------------------|-----------------------|-----------------------------------|
| 3-12 | | Lancaster County Super Fair | | |
| 3 | Th 18:30 | VE Exams | College View Church | 4801 Prescott Ave |
| 9 | We 19:30 | LARC Meeting | LARC Clubhouse | 4420 NW 41st St |
| 10 | Th 19:30 | SATERN Meeting | Salvation Army | 2625 Potter St |
| 13 | Su 17:00 | LARC Board Meeting | LARC Clubhouse | 4420 NW 41 st St |

ARRL Contest Calendar

July

8-9 IARU HF World Championship

August

5-6 222 MHz and up distant Contest

12-13 International EME Contest

2023 Events!

Aaron Rogge, NØADR

Here is a list of upcoming Events in 2023:

July 14-30 * Cornhusker State Games

August 3-12 * Lancaster County Super Fair

August 26-27 * Guardian Air Show

October 7 * Market to Market

October 8 * Crop Walk

November 5 * Good Life Halfsy

Board Meetings

Aaron Rogge, NØADR

Board Meetings are held at the LARC Clubhouse, 4420 NW 41st St. The next Board Meeting is Sunday, July 16, at 5:00 pm. All club members are welcome to attend.

Looking for Gear

Paul Mundt, KF9TV

I am looking for the following items for collection and/or experimentation:

- Large Power Tubes, including 4-400A, 833A, 805, 813, 572B, etc.
- Large Power Transformers
- Plate Transformers

If you have these or similar items, please email me at: KF9TV1@gmail.com

Thank-You,
Paul

Best Choice UPC Labels



Save your UPC Labels from Best Choice products to bring to the club meeting.

Help Needed

Cornhusker State Games

Contact: Aaron Rogge, NØADR

Mark your calendars! The 2023 Cornhusker State Games will be here before we know it.

Opening night has been moved to July 6 and will take place in front of the Pinnacle Bank Arena. With the change, we will not be involved. We are scheduled to help with Road Race 5K (July 15), Mountain Bike (July 22), Gravel Grinder (July 29), Cycle Tour (July 29), and lunch deliveries (July 22-23 and July 29-30). A sign-up form is available at:

<https://bit.ly/LARC-CSG>



The Cornhusker State Games is a statewide amateur sports festival for all Nebraskans. The purpose of the Games is to provide top-quality amateur competition in a wide range of activities. The 2023 Games are scheduled for July 6-30 at more than 70 sites in Lincoln, Omaha and surrounding communities.

Besides offering a wide range of competitions (from traditional Olympic sports such as Track & Field, Gymnastics and Swimming) Nebraskans' competitive interests are served by less demanding events such as Horseshoe Pitching, Mallwalk and Chess.

Help Needed

Lancaster County Super Fair 2023

Contact: Ed Holloway, KØRPT

The Super Fair is from August 3rd thru August 12th. LARC has for many years provided drivers for the golf carts and we've been asked if we can continue. I said, "We look forward to this event every year, you bet!"

Much the same as the last few years, LEC needs us to be onsite at 10:30 AM the first Thursday, Friday, Saturday and Sunday. Also, the last Saturday and Sunday. During the week, Monday, Tuesday, Wednesday and Thursday, we'll operate from 4:00 PM to 10:30 PM.

The Super Fair closes at 10:00 PM and LEC would like us to assist folks to their cars.

Please contact Ed, KØRPT at 402-326-1139 or k0rpt@arll.net to volunteer. As you know, LARC receives credit towards the use of LEC facilities for volunteering during Super Fair. I look forward to seeing everyone at the Super Fair again this year!



Help Needed

Guardians of Freedom Airshow

Contact: *Gregory Brown, KTØK*

Amateur Radio Volunteers are needed to provide support communications for the Guardians of Freedom Airshow, August 26 and 27, 2023. This is an incredible can't-miss event for Lincoln, so you will be there anyway, right? Why not enjoy taking in all the sights while also using your communications skills to help others?

Our primary duties will include providing information to visitors (could be 300,000!), watching for medical emergencies, lost kids, lost parents, lost cars, lost hams, all the usual things. We plan on 4 hour shifts each day between 9:00 am and 5:00 pm. Signup sheets will be available at the June and July LARC club meetings and at our Field Day event. You can also call or text me at 402-937-3540 or email me at kt0k@windstream.net

For more information on the Airshow, visit:

<https://www.lincolnairshow.com/>



VE Report

Chris Evens, KCØPJR,
VE Coordinator



June VE Session:

This month we had two sessions, the normal first Thursday of the month on June 1, and the second one at Field Day, Saturday, June 24. Between the two sessions, we had nine unique candidates, of which five qualified for new or upgraded licences. They are as follows:

TECHNICIAN

- Brian Ellis, KFØMYF, Lincoln
- Jared Most, KFØNEC, Omaha

GENERAL

- Kevin Lenz, KEØATN, Seward

EXTRA

- Grace Beals, KØDBW, Lewiston
- John Eggertsen, KØEGG, Omaha
- John Roberson, KI4JQR, Lincoln

Congratulations to our new licensees!

Volunteer Examiners (VE's) who participated this month are: NØADR, WØBCL, KCØDHM, NØGUB, KCØHN, KCØPJR, AJØS, and NEØTM. Thank you to all for giving your time to promote and advance the great hobby of Amateur Radio.

LOG Folding

Aaron Rogge, NØADR

Thank you to the June LOG folding crew: NØADR, KFØCXO, WDØEZI, KCØHN, NØJLR, KØJSL, KRØKAT, NEØTM, KC9OTF, KF9TV, Jon Peterson. Ayden Rogge, Liam Rogge, and Mitch Ryan.

Join us for the next folding session!

Date: Monday, July 31.

Time: 6:30 pm

Location: LARC Clubhouse, 4420 NW 41st St



Estate and Equipment Sales for July 2023

Gordon Trout, W0KBS

K0CWW

| Category. | Item. | Brand | Model | Description | Asking |
|-------------|-------|-----------|-----------|------------------------|---------|
| Accessories | 302 | Heathkit | HD-1422-A | Antenna Noise Bridge | \$25.00 |
| Accessories | 304 | Home Made | | Speaker enclosure | \$5.00 |
| HTs | 319 | Kenwood | TR-2500 | 2 meter handheld AS-IS | \$20.00 |

KA0JGH

| 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 | 510G | 50 Mhz 175 watts mobile amp | \$250.00 |
| Accessories | 250 | Midland | 23-136 | SWR Meter 3-150Mhz | \$10.00 |

LARC

| Category. | Item. | Brand | Model | Description | Asking |
|----------------|-------|-------------|------------|---------------------------------|------------|
| HF Radios | 1 | Kenwood | TS-2000 | HF & 6 meter Transceiver | \$800.00 |
| 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 |
| Transceivers | 22 | Yaesu | FT-897 | HF/VHF/UHF All Mode Transceiver | \$700.00 |
| Tuners | 23 | MFJ | MFJ-939 | Automatic inteltuner | \$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 |

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

Contact: Gordon Trout, W0KBS, (402) 580-5326 after 12 noon or w0kbs@twc.com

Estate and Equipment Sales for July 2023

Gordon Trout, W0KBS

W0DDM

| 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 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 | PS 1001MR | Magnetic Regulated Power Supply | \$10.00 |
| Scanners | 446 | Realistic | OptoScan 456 | 20-144 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 |

W0EGK

| 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 | HallCrafters | 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 |
| VHF Mobile | 39 | Kenwood | TR-7400 | Synthesized 2 meter mobile | \$60.00 |
| VHF Mobile | 40 | Kenwood | TR-7800 | 2 meter mobile | \$60.00 |

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

Contact: Gordon Trout, W0KBS, (402) 580-5326 after 12 noon or w0kbs@twc.com

Vintage Equipment for Sale

Paul Burrow, WØRKI

Downsizing, must sell vintage gear–

- Drake TR-7 SSB transceiver and PS7 Power Supply
- Drake 2B receiver and 2BQ speaker, Q multiplier
- Drake 2C receiver
- Heathkit DX-35 transmitter
- Heathkit VF-1 VFO\
- Hallicrafters HT-37 SSB transmitter
- Hammarlund HQ-140XA receiver
- Lambda Model 25 Regulated Power Supply
- Measurements Corp. Grid Dip Meter
- Palomar Noise Bridge
- Swan Power meter WM-1500
- Vibroplex bug Serial 242664
- Central Electronics Multiphase RF Analyzer MM-2 Monitor scope
- Vacuum variable capacitor UCS-500
- Command set receivers, Q-5ers
- Misc small tubes and parts free
- +Hi-Fi Dyna monoblock 40 W audio amps, tuner, preamp

Contact WORKI at pburrow@unl.edu

Radio For Sale

Bruce Gubser, NEØBG

I have for sale a Kenwood TM-732A, Dual Band 144/440 Mobile Radio. Excellent condition. \$75.00 or best offer.

Contact Bruce, NEØBG, 402-470-1700, or Bruce.gubser@yahoo.com.

Generator For Sale

Paul Mundt, KF9TV

I have a Coleman PowerMate gas generator for sale. The Vantage 3500 Watt Generator is top of the line with a Briggs & Stratton 4-cycle OHV engine. Low running hours. Well maintained. Has the optional wheel kit installed. 120v/240Vout. Asking \$300.00.

Contact Paul, KF9TV.

Email: KF9TV1@gmail.com



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, 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:

Lincoln Amateur Radio Club, Inc.
P.O. Box 5006, Lincoln, NE 68505-0006

Total Due: \$ _____

* Associate Members must be family members residing at the same address as the Full Member
v2021 02