



### SEPTEMBER MEETING

7:30 PM, WEDNESDAY, SEPTEMBER 8  
 NORTHERN LIGHTHOUSE CHURCH & ZOOM

### BOB HEIL, K9EID

**In-person:** Northern Lighthouse Church (6141 N 14<sup>th</sup> St, Lincoln).

**Zoom:** [bit.ly/LARCProgram](https://bit.ly/LARCProgram) (meeting: 937 5139 3405; Passcode: 554816).

**DHM:** Per the Lancaster County Directed Health Measure (DHM), all in-person attendees are required to wear a mask. Thank you in advance!

Bob Heil, K9EID, founder of Heil Sound, understood very early in his career as a microphone designer that voice articulation is key to ham radio, both for emergency use and the hobbyist. His ham radio products are a result of that level of concern for the voice. Bob is an Amateur Radio legend, an author, and an in-demand speaker at ham events around the world.

— Jim Nelson, WØJRN

### EVENT CALENDAR

#### SEPTEMBER

2	Th	6:30 pm	VE Exams	College View Church	4801 Prescott Ave
Weekly	Th	7:00 pm	VI on Thursdays	Village Inn	6555 O St
<b>8</b>	<b>W</b>	<b>7:30 pm</b>	<b>LARC Meeting</b>	<b>Northern Lighthouse Church &amp; Zoom</b>	
9	Th	7:30 pm	SATERN Meeting	Salvation Army	2625 Potter St
11-12			NE VHF QSO Contest		
11	Sa	8:00 am	Outdoor Flea Market	Ed Holloway's QTH	8310 Sandalwood Dr
12	Su		Last Blast Lincoln Triathlon	Branched Oak Lake	
25	Sa		Market to Market Relay		
28	Tu	5:30 pm	LARC Board Meeting	Lincoln Elks Lodge #80	5910 S 58 <sup>th</sup> St
28	Tu	midnight	LOG Deadline	Email articles & ads to	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>

#### OCTOBER

7	Th	6:30 pm	VE Exams	College View Church	4801 Prescott Ave
Weekly	Th	7:00 pm	VI on Thursdays	Village Inn	6555 O St
10	Su		CROP Walk		
<b>13</b>	<b>W</b>	<b>7:30 pm</b>	<b>LARC Meeting</b>	<b>Northern Lighthouse Church &amp; Zoom</b>	
14	Th	7:30 pm	SATERN Meeting	Salvation Army	2625 Potter St
24	Su		Good Life Halfs		
26	Tu	5:30 pm	LARC Board Meeting	Lincoln Elks Lodge #80	5910 S 58 <sup>th</sup> St
26	Tu	midnight	LOG Deadline	Email articles & ads to	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>

Lincoln Amateur Radio Club, Inc.  
 PO Box 5006  
 Lincoln, NE 68505

## 2021 BOARD OF DIRECTORS

President	Ed Holloway	KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Vice President	Jim Nelson	WØJRN	402/350-2546	<a href="mailto:w0jrn@outlook.com">w0jrn@outlook.com</a>
Secretary	Kim Cartwright	KEØTNR	402/430-1506	<a href="mailto:kcdragon3@gmail.com">kcdragon3@gmail.com</a>
Treasurer	Greg Brown	KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
	Aaron Rogge	NØADR	402/617-0234	<a href="mailto:n0adr@ajrogge.com">n0adr@ajrogge.com</a>
	Bryan Leavitt	WØBCL	402/310-1686	<a href="mailto:w0bcl@arrl.net">w0bcl@arrl.net</a>
	Maureen Sadler	KDØONM	402/366-7828	<a href="mailto:emkay586@gmail.com">emkay586@gmail.com</a>
	Mike Long	KØSHC	402/770-2427	<a href="mailto:k0shc13@yahoo.com">k0shc13@yahoo.com</a>
Club Station Trustee	Greg Brown	KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>

## 2021 COMMITTEES

Committee	Liaison	Chair	Phone	Email
Activities	WØJRN	Jim Nelson, WØJRN	402/350-2546	<a href="mailto:w0jrn@outlook.com">w0jrn@outlook.com</a>
Awards	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Bylaws	WØJRN	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Club Inventory		Randy King, KØNC	402/450-0978	<a href="mailto:randyking1958@gmail.com">randyking1958@gmail.com</a>
Club Station	KTØK	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Convention	KØSHC	Mike Long, KØSHC	402/770-2427	<a href="mailto:k0sch13@yahoo.com">k0sch13@yahoo.com</a>
Education	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:class@k0kkv.org">class@k0kkv.org</a>
Elections				
Emergency Resp. (ARES)	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Estate Assistance	KØRPT	Gordon Trout, WØKBS	402/580-5326	<a href="mailto:w0kbs@twc.com">w0kbs@twc.com</a>
Field Day	WØJRN	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Holiday Party	KDØONM	Maureen Sadler, KDØONM	402/366-7828	<a href="mailto:emkay586@gmail.com">emkay586@gmail.com</a>
LOG Editor	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:log@k0kkv.org">log@k0kkv.org</a>
Mentorship	KTØK	Greg Brown, KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
Merchandise				
Nets	KØRPT	Eric Bigham, KØJIA	402/467-1680	<a href="mailto:k0jia@xsmail.com">k0jia@xsmail.com</a>
Public Relations	KTØK	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Public Service	KØSHC	Mike Long, KØSHC	402/770-2427	<a href="mailto:k0sch13@yahoo.com">k0sch13@yahoo.com</a>
QSL Cards	KTØK	Greg Brown, KTØK	402/937-3540	<a href="mailto:kt0k@arrl.net">kt0k@arrl.net</a>
Repeater	KØRPT	Ed Holloway, KØRPT	402/326-1139	<a href="mailto:k0rpt@arrl.net">k0rpt@arrl.net</a>
Tower/Antenna Crew	WØJRN	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Transmitter Hunts	KTØK	Harrison Gubser, NØHGD	402/318-7433	<a href="mailto:harrisondgubser@gmail.com">harrisondgubser@gmail.com</a>
TVI/RF	KØRPT	Shaun Munson, KØSMM	402/853-6523	<a href="mailto:k0smm@arrl.net">k0smm@arrl.net</a>
Website	NØADR	Aaron Rogge, NØADR	402/617-0234	<a href="mailto:n0adr@ajrogge.com">n0adr@ajrogge.com</a>

## PRESIDENT'S COLUMN



Let me first apologize for not attending the August club meeting. I caught a summer cold, and sometimes, you have to roll with it. Much thanks to Jim Nelson, WØJRN, for being there to take care of business.

We still have a few public service events left in the year, and we need your help. Please call Mike Long, KØSHC, and let him know that you're available. I want to thank all who volunteered by driving golf carts and operating the net at the Lancaster County Super Fair. It was a great turnout of folks. We had a couple of new net control operators, and they did a fantastic job. The weather caused a couple of shutdowns, but all in all, everything went smoothly. It was nice to see the LARC Mobile Operations Center (MOC) in use during the event. Thanks to Mike and his team for making it all happen.

Have you noticed that this year's club presentations have been some of the best in a long time? Jim has put some effort into booking these folks, and the September presenter is one for the record books. I've

tried booking Bob Heil and always fell short. This is one meeting you won't want to miss.

I've confirmed with the church elders at Northern Lighthouse Church that they are keeping the church open as long as they can. They ask that we follow the current DHM: All persons, ages 2 and older, must wear a face covering indoors when six feet of separation cannot be maintained, regardless of vaccination status. Should the DHM strengthen and disallow the use of the church, we have permission to use their parking lot to hold our meetings. We are Amateur Radio operators; we are resourceful and can make things happen at a moment's notice. We may have to!

I'm looking for input on this year's annual awards. Do you know club members who deserve recognition for their efforts in 2021? I would love to hear from you. Please send me an email at [k0rpt@arrl.net](mailto:k0rpt@arrl.net).

See you at the club meeting!

That's all for this month. See you at the club meeting.

— Ed Holloway, KØRPT  
LARC President



## MIKE LONG TO RETIRE



Mike Long, KØSHC, has been the public service committee chair for as long as I can remember. I first tapped him to take on this role in 2002.

After many years, hundreds of events, and thousands of hours, miles, phone calls — probably a printer or two — Mike has decided to retire at the end of 2021. It will take a team to match what Mike alone has done over the years.

Mike, thank you for all that you have done for LARC and Amateur Radio. You are a volunteerism advocate and champion, and our club and community are in your debt.

Mike states that he will participate in future events but feels it is time to enjoy the hobby in a more conventional way. It's time for someone else to take the helm. When you see Mike, please take a minute to shake his hand and thank him for his service.

— Ed Holloway, KØRPT

## ARRL RADIO SPORT

### SEPTEMBER

- ◆ 11-13 September VHF
- ◆ 18-19 10 GHz & Up – Round 2

### OCTOBER

- ◆ 18-22 School Club Roundup
- ◆ 23-24 EME – 2.3 GHz & Up

### NOVEMBER

- ◆ 6-8 November Sweepstakes – CW
- ◆ 20-22 November Sweepstakes – Phone
- ◆ 20-21 EME – 50 to 1296 MHz

— ARRL Contest Calendar

## MAKE LINCOLN



### LINCOLN'S ORIGINAL MAKER FAIR

Saturday, September 25

Turbine Flats  
21st and Y

More information: [makelincoln.com](http://makelincoln.com)

— Robert McCown, N7SQL

## BOARD MEETING DATES

Club members are welcome and encouraged to attend all Board meetings. Meetings are on the fourth Tuesday of each month at Lincoln Elks Lodge #80, 5910 S 58<sup>th</sup> Street, at 5:30 pm.

- ◆ Tuesday, September 28
- ◆ Tuesday, October 26
- ◆ Tuesday, November 23

— Aaron Rogge, NØADR

## NEW LUNCH BUNCH NET



There is a new net on the air every Monday, Wednesday, and Friday at noon on the 146.76 KØKKV repeater. This "Lunch Bunch" net has check-ins, traffic, a question of the day, birthdays and/or trivia, and "Swap and Shop" for Ham and everyday household items.

Technical questions are also welcome. All Amateurs are invited to participate. Please join us if you are able and available.

— Paul Mundt, KF9TV

## LARC MOC REPAIRS

Remember that sagging floor in the LARC Mobile Operations Center (MOC) we have for Field Day and other events? Well, thanks to the partnership we have with Lancaster County Emergency Management and two of our very own, Bryan Leavitt, WØBCL, and Shaun Munson, KØSMM, the MOC is in excellent shape with many years of service added.

Bryan replaced the interior lighting with LEDs. It's a lot brighter inside now. Shaun completely reframed the underside of the trailer, making the floor solid as a rock. While Shaun had the MOC, he repaired the electrical outlets and exterior lighting, making it safer to enter and exit the center.

Very well done, guys! Thank you so much for your dedication and willingness to go above and beyond for the club.

— Ed Holloway, KØRPT

## ARRL SEPTEMBER VHF CONTEST



September 11 and 12

Sponsored by LARC and NeARES

Multi-operator: 6 meter, 2 meter, and 70 centimeter.

It will be held at the home of Greg Brown, KTØK, in Malcolm, just a short drive from Lincoln. The LARC Mobile Operations Center will be on site.

Everyone is welcome to participate. Masks must be worn.

More information about the contest is available at [www.arrl.org/september-vhf](http://www.arrl.org/september-vhf).

— Ed Holloway, KØRPT

## 2022 NE ARRL CONVENTION

Please lock this date into your calendars — Saturday, May 15, 2022 — for the next ARRL Nebraska Hamfest. Let's plan to make it another great success.

The location will be the Lincoln Room at Lancaster Event Center. The ARRL affiliation application has been submitted, and we've already booked Associated Radio as our "Tier One" manufacturer vendor.

Look for new and familiar details in upcoming issues of the LOG, [www.køkkv.org](http://www.køkkv.org), [www.lincolnhamfest.org](http://www.lincolnhamfest.org), and [www.neares.net](http://www.neares.net).

— Ed Holloway, KØRPT  
2022 Convention Committee Chair

## SUPERFAIR SUPER VOLUNTEERS



Thank you so much to everyone who came out in the heat and humidity to shuttle fair visitors around the fairgrounds. The weather interfered a few times, but overall, it was a success, and the event organizers were so pleased with our work.

I'm extremely grateful to the following volunteers. Thank you!

NØADR, WØBCL, KFØBFJ, KDØDBO, KFØDHT, KDØDIU, KEØELM, KFØEOC, WDØEZI, NØGUB, WØJRN, KTØK, KYØK, WXØL, KØMXE, KØNEB, KDØONQ, KBØQEY, KØRPT, KDØRPT, N7RVN, KDØRWT, KØSHC, KØSMM, KEØWQY, and KDØZNM.

— Mike Long, KØSHC

## SOCIAL MEDIA



LARC is on Facebook! Search for "Lincoln Amateur Radio Club" or navigate to [fb.me/LARCLincoln](https://fb.me/LARCLincoln).

We also have a Lincoln Amateur Radio Club KØKKV group on Facebook at [bit.ly/LARCgroup](https://bit.ly/LARCgroup).

## VI ON THURSDAYS

Who's ready for some regular social gatherings? Join us every Thursday evening at 7:00 pm for pie, coffee, a bit of dinner, and a lot of great conversation!

We have a year of catching up to do, so let's get started! We'll meet at Village Inn, located at 6555 O Street.

— Ed Holloway, KØRPT

## PUBLIC SERVICE

Fall is almost here, and that means it's almost the end of public service season. Thanks to everyone who's helped so far this season!

Sunday, September 12, is the Last Blast Lincoln Triathlon at Branched Oak Lake. It's not a long event and is a fun race to watch!

Saturday, September 25, is the Market to Market Relay Race from Omaha to Lincoln. We have been involved with this event for a very long time. Times are staggered, so you don't have to be out all day.

Sunday, October 10, is the CROP Walk in Lincoln. Heather Chesnut, KDØBXA, is the coordinator. It is a charitable event, raising funds to combat hunger. It is a short event, and your help is greatly appreciated.

Finally, Sunday, October 24, is the Good Life Halfsy. It is a fast-paced race from Seacrest Field to the Railyard. You can use your handheld radios for this one.

Well, there you have it! I hope to see many of you helping with these events. Please sign up by emailing [k0shc13@yahoo.com](mailto:k0shc13@yahoo.com).

— Mike Long, KØSHC

## Your Ad Here

**Advertise for as low  
as \$15/month**

Email [log@k0kkv.org](mailto:log@k0kkv.org) for details!

# SEPTEMBER FLEA MARKET

September 11 | 8:00 am–2:00 pm  
8310 Sandalwood Drive, Lincoln  
Talk-in on 146.76- & 442.7+ (146.2Hz)

SPONSORED BY

## LINCOLN AMATEUR RADIO CLUB & NEARES

For more information, contact:

Ed Holloway, KØRPT  
[kØrpt@arrl.net](mailto:kØrpt@arrl.net) or 402/326-1139

Jim Nelson, WØJRN  
[wØjrn@arrl.net](mailto:wØjrn@arrl.net) or 402/350-2546

Ham Radio stuff ONLY

Bring your own tarp and/or table  
Setup 6:30 am–12:00 pm

Hamburgers/hot dogs: \$1.00 each  
Proceeds go to LARC

[www.k0kkv.org](http://www.k0kkv.org)

[www.neares.org](http://www.neares.org)

## VE REPORT



August got us back to our regular exam session on Thursday, August 5. Two people took and passed the Technician license exam:

### TECHNICIAN

- ◆ Danny Oakes, KFØGIS, Nebraska City
- ◆ Phillip Power, KFØGIT, Lincoln

Congratulations to our new licensees!

This month, we thank NØADR, KCØDHM, KCØPJR, and AJØS for donating their time to promote and support Amateur Radio.

Starting with the September session, all participants, including VEs and examinees, will be required to wear a face covering throughout their time inside the VE location, College View Church.

— Chris Evens, KCØPJR  
VE Coordinator

## ESTATE & EQUIPMENT SALES

### KØCWW

Item	Category	Brand	Model	Description	Asking
301	Accessories	Ameritron	RCS-8V	5-Port Automatic Antenna Switch	\$75.00
302	Accessories	Heathkit	HD-1422-A	Antenna Noise Bridge	\$25.00
303	Accessories	Home Made		Speaker enclosure	\$5.00
304	Accessories	Home Made		Speaker enclosure	\$5.00
306	Accessories	MFJ	MFJ-1701	6-position 2Kw Antenna Switch	\$40.00
307	Accessories	MFJ	MFJ-616	Speech Intel. Enhancer	\$75.00
308	Accessories	MFJ	MFJ-784B	Tunable DSP Audio Filter	\$100.00
309	Accessories	MFJ	MFJ-815B	HF SWR meter	\$40.00
314	HF Radios	Icom	IC-7200	160-6 meters HF Transceiver	\$500.00
318	HTs	Kenwood	TH-K20	2 meter Handheld	\$75.00
319	HTs	Kenwood	TR-2500	2 meter handheld AS-IS	\$20.00
320	Receivers	MFJ	MFJ-8100	Short Wave Receiver	\$50.00

### KØSIL

Item	Category	Brand	Model	Description	Asking
9	Accessories	Diamond	SX-200	SWR meter	\$50.00
20	Accessories	Kenwood	PC-1	Phone Patch controller	\$25.00

### KAØJGE

Item	Category	Brand	Model	Description	Asking
105	Microphones	Astatic	D-104	Microphone	\$35.00

### KAØJGH

Item	Category	Brand	Model	Description	Asking
202	Accessories	Kenwood	VFO-120	Remote VFO	\$80.00
205	Accessories	EF Johnson		Speaker	\$10.00
207	Power Supplies	Kenwood	PS-20	4 amp pwr supply	\$30.00
208	Accessories	Kenwood	VOX-3	VOX controller for TS-700 series	\$50.00
211	Accessories	Kenwood	MB-100	Mtg Brkt for TS-120 and TS-130	\$10.00
214	Accessories	Motorola		Speaker	\$10.00
217	Amplifiers	TE Systems	0510G	50 Mhz 175 watts mobile amp	\$250.00
229	Power Supplies	Astron	RS-20M	Pwr Supply buzzes under load	\$50.00
234	Power Supplies	Micronta	22-120A	2.5amp 13.8volt	\$10.00
246	Accessories	B/W	594	Antenna Switch	\$35.00

## ESTATE & EQUIPMENT SALES

Item	Category	Brand	Model	Description	Asking
249	Accessories	Midland	23-126	SWR Meter HF	\$10.00
250	Accessories	Midland	23-136	SWR Meter 3-150Mhz	\$10.00
255	Microphones	Kenwood		Dynamic Mic	\$10.00
256	Microphones	Realistic	21-1172	Dynamic Mic	\$10.00

### LARC

Item	Category	Brand	Model	Description	Asking
4	Misc	Unknown		12 gauge wire part roll	\$5.00
22	Misc	Eton	AN-03	Portable shortwave antenna	\$5.00
105	Accessories	Kenwood	LF-30A	Low-pass filter	\$25.00
125	Accessories	Realistic	40-1248B	External Speaker	\$10.00
131	Microphones	SBE	M100X	Amplified hand mic	\$25.00
143	Power Supplies	Mr. CB	7078	4 amp	\$10.00
152	Scanners	Uniden Bearcat	BC700A	800mhz scanner	\$50.00
155	Power Supplies	Power-One	HD15-6-A	15v-6amp power supply	\$25.00
157	Accessories	Micronta	21-525B	SWR FS Meter 3-30Mhz	\$10.00
159	Amplifiers	Mirage	B-23A	144 30watt Amplifier	\$30.00

### NØLWL

Item	Category	Brand	Model	Description	Asking
104	Accessories	Powerex	MH-C777PlusII	Battery Charger & Conditioner	\$10.00
105	Accessories	Pyramid	SWR-14	SWR Meter CB?	\$10.00

**All prices are negotiable. Items are used and sold AS-IS.** If interested, contact Gordon Trout, WØKBS, at 402/580-5326 after noon or email [w0kbs@twc.com](mailto:w0kbs@twc.com).

### LOCAL REPEATER LISTING

For a complete and up-to-date listing of local repeaters, visit [www.neares.net](http://www.neares.net), hover over the repeaters tab, and then click on "Lincoln Repeater." You'll also find a good listing of repeaters around the area.

— Ed Holloway, KØRPT

### BEST CHOICE UPC LABELS



Save your UPC labels from Best Choice products purchased at Russ's or Super Saver to bring to the club meeting.

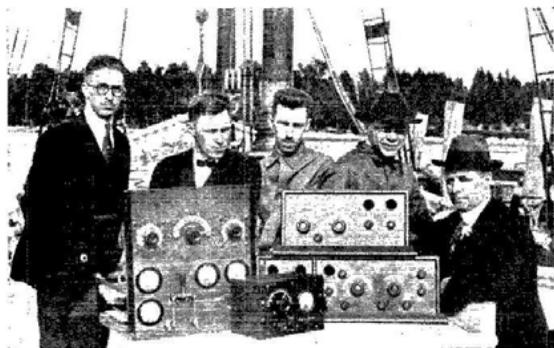
## ARRL: SAILING VESSEL WITH HAM RADIO HISTORY MARKS 100 YEARS

The schooner *Bowdoin* is a century old this year. Now owned by the Maine Maritime Academy (MMA) as a training vessel, the ham radio history of the 88-foot (LOA) *Bowdoin* is often neglected. Constructed in Maine specifically for Arctic exploration, the vessel relied on Amateur Radio for communication during explorer Donald B. MacMillan's Arctic Expedition of 1923 and on the MacMillan-McDonald-Byrd Expedition of 1925 — thanks in part to ARRL co-founder Hiram Percy Maxim, W1AW. The venerable vessel, the official vessel of the State of Maine and the flagship of Maine Maritime Academy's Vessel Operations and Technology Program, recently underwent a complete hull restoration and refitting and has done a little touring to mark its centenary. Its home port is Castine, Maine.



Don Mix, 1TS, in the *Bowdoin* radio room. [Courtesy of Pete Varounis, NL7XM]

The longwave transmitters MacMillan used on his earlier missions had proved "unable to penetrate the screen of the aurora borealis," then-ARRL historian Michael Marinaro, WN1M/SK, explained in his article, "Polar Exploration," from the June 2014 issue of *QST*. In 1923, MacMillan turned to ARRL for help in outfitting his next expedition with better wireless gear. Marinaro recounted, "It was enthusiastically provided." Maxim and the ARRL Board recruited Donald H. Mix, 1TS, of Bristol, Connecticut, to accompany the crew as its radio operator.



ON BOARD THE "BOWDOIN," AFTER UNPACKING THE EQUIPMENT from a mountainous pile of packing cases. Left to right, F. H. Schnell, A.R.R.L. Traffic Manager; D. H. Mix, WNP's operator; K. B. Warner, Editor of "QST"; M. B. West, Zenith engineer who designed the installation; and Dr. MacMillan, the "Bowdoin's" skipper.

M.B. West, an ARRL Board member, designed the gear, which was then built by amateurs at his firm, Zenith Electronics. The transmitter operated on the medium-wave bands of 185, 220, and 300 meters, running 100 W to a pair of Western Electric "G" tubes. Earlier exploratory missions had used gear that operated on longwave frequencies. The shipboard station on board the *Bowdoin* was given the call sign WNP — Wireless North Pole.

"WNP transmitted weekly 500-word press releases and listings of stations worked and heard," Marinaro said. "Once received by amateur stations, these reports were delivered to local affiliated newspapers of the North American Newspaper Alliance; from there, they were distributed syndicate-wide by telegraph."

MacMillan's subsequent attempt at the North Pole centered around wireless. The objectives supported by the Navy and the National Geographic Society were to determine the full capabilities of radio north of the auroral belt and to explore the northern reaches by air. The outstanding accomplishment of the 1925 expedition was in the sphere of radio. Utilizing shortwaves, the expedition was in consistent contact with the outside world throughout the journey, to the delight of the amateurs who were able to work them. The phenomenal success proved to the Navy that shortwaves were definitely superior to the longwaves and ultra longwaves that fleets had been using.

— ARRL

[arrrl.net/news/sailing-vessel-with-ham-radio-history-marks-100-years](http://arrrl.net/news/sailing-vessel-with-ham-radio-history-marks-100-years)

## 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?

- ◆ Saves your club money on printing costs.
- ◆ Color photos!
- ◆ One less thing to toss, recycle, or use to line the bird cage.
- ◆ 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](http://k0kkv.org/lincoln-log).

— Jeri Lyn Rogge, NØJLR

## FOR SALE

I am selling a US Tower MA-770 MDP that includes the following:



- ◆ MARB 770 rotor/ tower base: tower rotates on this base — no climbing required.
- ◆ MAF: raising fixture.
- ◆ CX: 4m coax arms (quantity: 3).
- ◆ RMC: 1000 remote control to raise and pull down tower.
- ◆ T2X rotor with DCU1 controller.
- ◆ SteppIR with 30/40 loop with 6m passive element and controller.

Asking \$7,950

The tower and accessories are located at my QTH in Sarpy County, Nebraska. You pick up and transport; it will be in cradles on the ground. I will facilitate loading it onto your trailer. Please call 402/517-6790 for more information.

— Michael Fairlie, WØMF

## ISO FT-8900 HELP

I fired up my Yeasu FT-8900 that has been sitting, and nothing happened. I'm looking for someone to help me get it running.

If you can help, please contact me at [johngraham@mac.com](mailto:johngraham@mac.com).

— John Graham, KAØITW

# 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 five times a year to Lancaster County, Nebraska, Hams.

The *LOG* and other Lincoln Amateur Radio Club information are available at [k0kkv.org](http://k0kkv.org) and at [facebook.com/LARClincoln](https://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.**  
PO Box 5006  
Lincoln, NE 68505

Those interested in paying their ARRL dues through LARC are encouraged to email [treasurer@k0kkv.org](mailto: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 Fund  Activities Fund  Other \$ \_\_\_\_\_

**Enclose check payable to:** Total Due: \$ \_\_\_\_\_

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

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

v2021.02