



NOARS Log



August 2022

K8KRG

Volume 58, Issue 8

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Prez Sez

It's a triple crown win for us. Our 2022 NOARSfest was an extreme success preceded by a record-breaking Winter Hamfest and a fun Field Day. Thank you to everyone who participated as volunteer staff, VE test team, vendors, and attendees. It is the volunteers who made it so successful. Thanks to Dennis KE8OQA, Bill KE8DIF, Betsy W2CBZ, and Corey KE8PQW for working the flea market; Linda KG4GSF and Chris KE8MMY for taking care of admissions and more; Bill N4NZZ and Pete KE8NQQ for providing security at the side door; Chuck K8CVM and Dan W8AJF for MCing; Gary N8VFW for a fabulous job as our K8KRG talk-in station; John W8LYO for helping with setup and teardown, and last, but most certainly not least, Ann KA8ZEP and Jeany KC3QND for a profitable 50/50 raffle.

I am looking forward to the August picnic on August 15th. Remember, there is no monthly meeting at the library. Bring a dish or dessert to share. More details on the website and in this newsletter.

We can take a short breather, but not far off is our annual Christmas banquet and not long after that our Winter Hamfest and the cycle starts again.

Everyone stay cool and safe. It is only going to get hotter this coming month. Remember to stay hydrated and pay attention to your body's warning signs of heat-related problems.

That is all I have for this month. Until next month,

73,

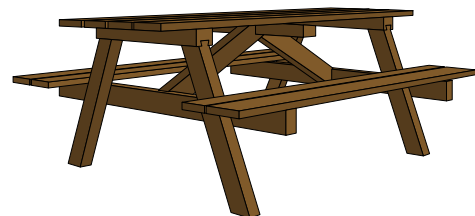
Carl W8KRF

NOARS Annual Picnic Monday, August 15 at 6:00 PM

Join us at the **Lorain County Metroparks Duck Pond Picnic Area of the Carlisle Reservation, 12550 Diagonal Road, LaGrange**. NOARS will provide burgers, brats, buns, condiments, soda, water, and picnic supplies, such as plates, plasterware, etc. Please bring a dish to share. See you there!

Nets

NOARS nets are Tuesday nights at 8 PM on 28.370 MHz, Wednesday nights at 7 PM on 146.700 MHz, PL 110.9, and Thursday nights at 8 PM on 146.700 MHz, PL 110.9. All licensed amateurs are welcome. Participation is encouraged and appreciated.



Vice President's Message August 2022

NOARS First-Time-Ever License Test at July NOARSfest

A heart-felt thank you goes to the VEs who were available at the License Test during the July NOARSfest. The VEs were Glenn, AF8C; Ron, N8EGZ; John, W8LYO; Steve, K8NIA; Bob, W8OOT; and Bill, K2WJS. Serving as

greeter was Connie, K8CCS. Not knowing how many candidates there would be, I scheduled enough for a crowd. We had two candidates. As I've been told, it was a start, and give it time for the reputation to build that folks can take amateur radio license tests at a NOARS hamfest. I thank the VEs for their professionalism and waiting patiently in case we had a crowd.

Did You Know?

Our own Dr. Jack, N8NDL's COMPACTenna 2M/440+ Antenna received a favorable review in the August QST, page 49. Take a look. If you don't receive QST, the review is on Dr. Jack's website at <https://compactenna.com>. As you will see, the

bottom line is, "At only 9 inches tall, the COMPACTenna is an ideal low-profile, dual-band antenna for cars that need low clearances or for a stealth station installation without compromising on performance." Congratulations, Dr. Jack!

New Members

The following joined NOARS at the July 16th Hamfest:

William Haupt, N8XWG, of Lorain; Eric Jessen, N8AUC and Robin Jessen, KC8AWO of Fairview Park; Ryan Wilkins, AD2Q of North Ridgeville, reviously K9ZOE;

Alan Vasu, WA8MNC of Avon; Mark Rodgers, KE8TCE of Lorain; Ron Bodman, N8EGZ of Fairview Park (Ron is a member of the VE team); Kenneth Golubski, W4CCZ of Silver Springs, FL. Welcome, everyone!

Next NOARS VE Test September 3

The next NOARS VE test session will be on **Saturday, September 3 at the North Olmsted Library, 27403 Lorain Rd. in North Olmsted. Testing starts at 10 AM.** The latest a candidate may start a test is noon. Please, let

anyone you know who wants to obtain a Tech license or license upgrade know about the session. Contact Elaine, KC8FOS at ewilkinson1951@gmail.com or 216-337-4235.

August Social Events

NOARS August Lunch

Tuesday, August 2. Monthly Lunch at **noon at the Golden Corral**, 1519 West River Rd., Elyria. If you like to talk and eat tasty food, the Monthly Lunches are for you. All are welcome.

Fox Hunt

Saturday, August 13 at 11 AM in the Bradley Woods Reservation, 4538 Bradley Road in Westlake. No fox hunt gear is necessary, all are welcome. Lunch afterwards at a restaurant for those interested.

August Birthdays

If your birthday doesn't appear here it's a good chance that it's not in our database. Please contact Carl, W8KRF so we can wish you a Happy Birthday!

Al Moriarty, N8CX
Frank Pawlikowski, KE8JON
Bryan Torok, N8OOF
Marlin Lloyd, K8SVT
John Van Der Pyl, WH2U
Stephen Kinford, N8WB
Ann Wadsworth, KA8ZEP



July 18, 2022 Membership Meeting Attendance

In Person

Dan, K8AGW
Dan, W8AJF
Connie, K8CCS
Steve, WA0DVY
Tom, N8FDY
Elaine, KC8FOS
Carl, W8KRF

Tom, W8KYZ
John, W8LYO
Earl, W8LYY
Chris, KE8MMY
Pete, KE8NQK
Jim, KD8OCW
Tom, W1PD
Jeany, KC3QND

Bill, K2WJS
Ann, KA8ZEP
Bill, N4NZZ

Zoom

Bill, KE8DIF
Joe, KE8KAT
Chet, K8KIZ

Dr. Jack, N8NDL
Bob, W8NNC
Dave, KY8OSU
Bill, W8PKT
Bernie, KC8YJB
Patty Lupica

Heard on the Nets in July

Dan, K8AGW
Fred, N8AHS
Dan, W8AJF
Robert, W0AMN
Chuck, K8CVM
Tom, N8FDY
Elaine, KC8FOS
Jody, KE8GKO
Bryan, W8JMI

Carl, W8KRF
Sandy, W8KYS
Tom, W8KYZ
Chuck, KB8LJ
John, W8LYO
John, W8LYY
Pete, KE8NQK
Bill, N4NZZ
Ron, N8OD

Zak, W8OSS
Andrew, KE8ORW
Dan, KE8OWK
Ryan, AD2Q
Fred, KE8QFT
Dale, KE8QGQ
Jeany, KC3QND
Jim, KE8SAF
Mark, KE8TCE

Dan, KE8TJM
Barry, KJ4UGO
(Alabama)
Dave, N8UUC
Bill, K2WJS
Tom, W8WLI
Bill, N8WS
Lenny, N8XLQ
Keith, K8KBZ
Ryan, K9ZOE

August, 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 NOARS Lunch at Noon 10M Net 8 PM - NCS Elaine, KC8FOS	3 Food Group 7PM 2M - NCS Jeany, KC3QND	4 2M Net 8 PM - NCS Jeany, KC3QND	5	6
7	8	9 10M Net 8 PM - NCS Tom, W8KYZ	10 Food Group 7PM 2M - NCS Elaine, KC8FOS	11 2M Net 8 PM - NCS NCS Tom, W8KYZ	12	13 Fox Hunt 11:00 AM Bradley Woods
14	15 NOARS Annual Picnic 6PM Duck Pond	16 10M Net 8 PM - NCS John, W8LYO	17 Food Group 7PM 2M - NCS Jeany, KC3QND	18 2M Net 8 PM - NCS Carl, W8KRF	19	20
21	22	23 10M Net 8 PM - NCS Dan, W8AJF	24 Food Group 7PM 2M - NCS Elaine, KC8FOS	25 2M Net 8 PM - NCS Elaine, KC8FOS	26	27
28	29	30 10M Net 8 PM - NCS Jeany, KC3QND	31 Food Group 7PM 2M - NCS Jeany, KC3QND			

Vintage Technology: PHILCO Transistor Manufacturing 1957

Submitted by Tom, N8FDY

and production facility of its early transistors. Run time: 14 mins.

PHILCO Transistor Manufacturing 1957: Fascinating promotional film by PHILCO showing research, testing

<https://youtu.be/BillR7xtTxc>

Contest Corner



July Contests

	Contest Name	Bands	Mode	Time UTC	Website
6-7	North Am QSO Party CW	1.8-28	CW	1800-0559	https://ncjweb.com/naqp/
13	Kentucky State POTA	3.5-28	CW, Ph, Dig	1400-2200	https://k4msu.com/kypota/
20-21	ARRL 10 GHz and up Cont.	10 Ghz to light	CW, Ph, Dig	0600-2359	https://www.arrl.org/10-ghz-up
21	ARRL Rookie Roundup, RTTY	3.5-28	Dig	1800-2359	https://www.arrl.org/rookie-roundup
27-28	Ohio QSO Party	1.8-28	CW, Ph	1600-0400	https://www.ohqp.org/index.php/rules/

These are but a few. Find many more contests in each month's QST Magazine, CQ Magazine, and at WA7BNM Contest Calendar, <https://www.contestcalendar.com>.



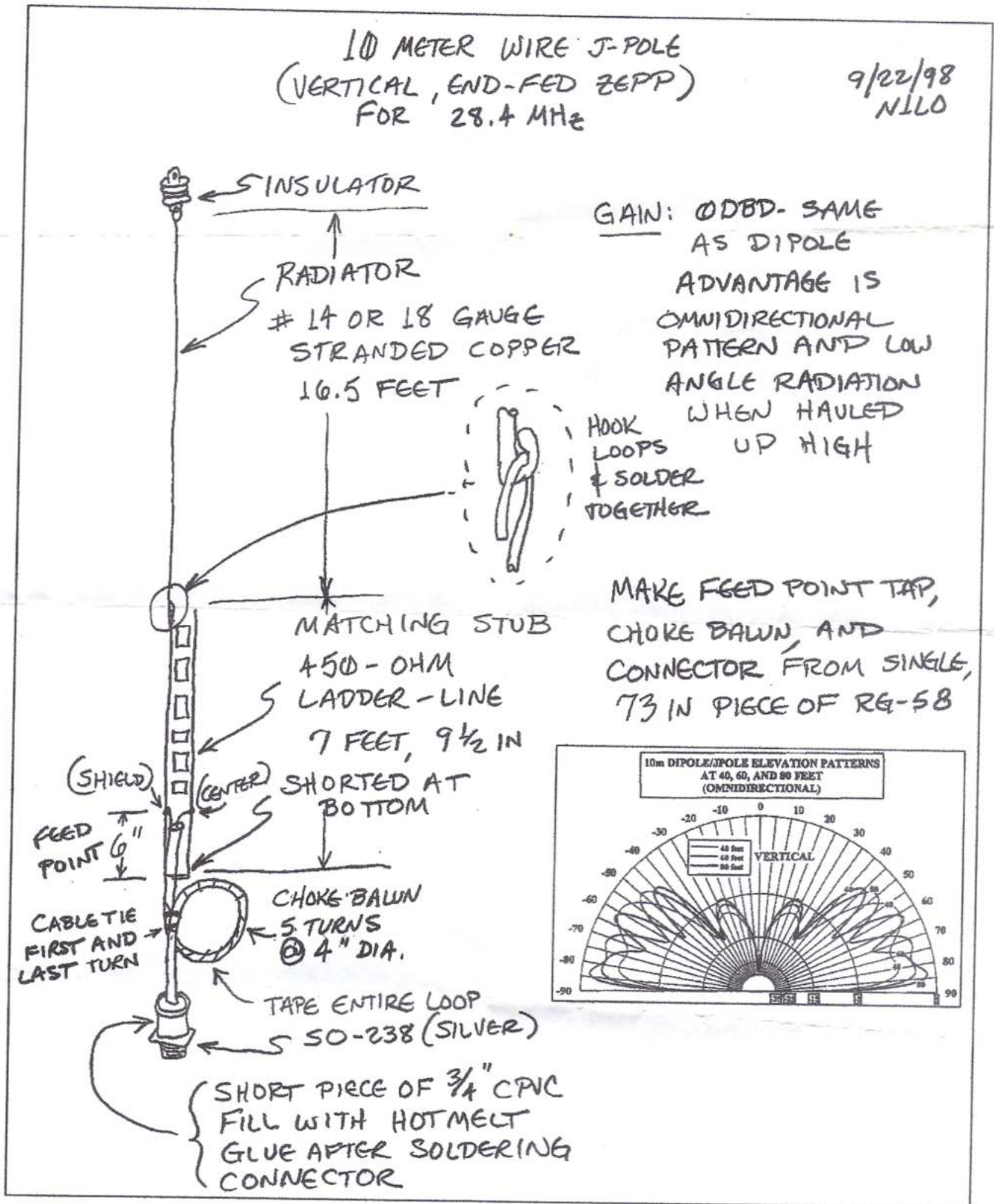
Don't Forget the Fox Hunt

Build a J-Pole Antenna

Submitted by Bill Adams, WD8OSJ

Are you looking for an inexpensive way to get on 10 meters? Do you have pieces parts you've collected, or are

you adept at ordering things online? Do you like building things without a lot of soldering involved? Look no further. Bill built this antenna in 2015 and says it has served him well. The design is by Mark Lowell, N1LO.



July NOARSFest



July Fox Hunt



July Lunch a Tasty Time

Ten folks were at the July Lunch. If you like to talk and eat tasty food, the Monthly Lunches are for you. Join us

at the next one, Tuesday, August 2 at noon at the Golden Corral in Elyria. All are welcome.



NOARS Membership Meeting Minutes

July 18, 2022

Submitted by John, W8LYO

The meeting was held in person at the North Olmsted Public Library and via Zoom.

The meeting was called to order at 7:00 pm by club President Carl, W8KRF. There were 17 people in attendance and 9 via Zoom for a total of 26.

Pledge of allegiance

Introductions and roll call of all in attendance.

Motion to accept minutes as published in NOARS log. Jim, KD8OCW made the motion, seconded by Pete, KE8NQQ. Motion passed

Committee Reports:

Treasurer's report – Tom W8KYZ

Monthly Expenses

Windstream \$73.45 for repeater/computer telephone line.

Meeting Refreshments \$14.58.

Reimbursement of \$100 to LACARA for generator use at Field Day

Withdrawal of \$550 for startup money for NOARSFEST membership, admissions, 50/50 and parking lot

We will be getting the withdrawal money back.

No questions. Motion to approve the Treasurer's report made by Ann KA8ZEP, seconded by Tom W1PD.

Motion passed.

Club Property – Carl, W8KRF

We have property available for any member who wishes to borrow it. We have a new AA-650 analyzer, Loop antenna and MFJ antenna analyzer.

Repeaters - Carl W8KRF

The repeaters are going ok. The computer went out again. If it continues to happen, we will purchase a new one under the repeater budget. It is an old computer that has been around for a while. CMOS battery might be going; when the computer shuts down it will not start back up.

Question about kerchunking on repeater. The kerchunking could be intermodulation. They have installed new cell phone antennas on every corner of the building. But it was happening before that. It is RF intermod from something that sounds like someone talking. It desensitizes the receiver, drops out and comes back in. If it is noticed, the repeater will be shut off for a while until it stops. We will have to do something to find it if it gets really serious.

There was a question from Bill about the computer battery. It is a CMOS inside the computer which is old and not worth taking apart.

Website - Carl W8KRF

It's going OK. Carl has been in contact with HostGator about an issue of not being able to receive emails. We probably lost table sales at NOARSFEST because of unanswered emails. A few people called on the phone about it. That is when it was determined something was wrong. HostGator promised it will be put on high priority

Membership - Carl W8KRF

Good news - we gained 7 new members at NOARSFEST, including one from Florida. Membership now stands at 104 members. With more people interested, membership will grow. Lots of younger people showed up at NOARSFEST. Some of the younger hams are excited about Fox Hunts and were invited out.

Field Day - Carl W8KRF

Scores were submitted on Wednesday, 7/13. We did well. Three people joined in from home. We are around 1,100. We missed some bonus points we could have received, but with AI N8CX in the hospital and Carl stepping up but

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Continued from Meeting Minutes on page 10

not being that familiar, some things we usually get were missed. We did get the 60-point bonus with people under the age of 18 making 1 or more contacts. Three young ladies made contacts.

Social Committee – Elaine KC8FOS

The August Lunch will be the 2nd. The lunch is always the first Tuesday of each month and held at the Golden Coral on West River Rd. in Elyria.

Fox Hunt is going to be Saturday August 13th at the Bradley woods reservation. We may need to find a new location if there are no more locations to hide the fox.

Programs – Elaine KC8FOS

No program in August since we will have the Picnic. Do not show up at the library. More information to come.

NOARSFEST – Carl W8KRF

It was a record Hamfest, even though we had 10 tables left over. There were more in the flea market space outside. Fifteen different people were outside despite the rain. There were 171 attendees, the most we have had since Carl has been involved. Usually there are about 140 – 150 that attend. If it had not been for the email problem, we would have had more tables. There were a couple of walk-ins. We will be mailing 3 prizes to people that were not there. There will be a debrief on NOARSFEST as there was a problem with how prizes were distributed. We usually do not mail secondary prizes. No one really noticed and is just an issue of mailing them now.

We are getting ready for Winter Hamfest already.

Tom, W8KYZ At this point we will have about \$1,100 profit from the event. No bill yet from Lorain County Community college. That will include the concession stand, VE testing room for 4 hours at \$20 an hour.

We want to thank Dr. Jack for his donation to the club for prizes as well as Heartland TV (Joe and Patty).

Dave W1AFC of Oberlin donated equipment to be sold with the money \$277 going to the club. This does not get included in NOARSFEST profit. David is very ill and that

is why he decided to donate to the club. Please keep him and his family in your thoughts and prayers. If you can, send him a card. His address is in the roster.

Question about donation table: Did anyone give money for that. Yes, the club received \$65.50 from the table.

50/50 - Thanks to Jeany, KC3QND and Ann, KA8ZEP \$112 was raised for the club and Bryan N8OOF was the winner of \$112.

No motion is needed as the profit will be finalized next month when we receive the final bill.

Sunshine – Tom, W8KYZ

As mentioned, Dave, W1AFC is ill and Al, N8CX is still in the hospital and may be for some time. If you are at the VA, go visit. Al is in Cares 3 room 104.

Nets – Jeany KC3QND

Nets are doing really well. She is looking for topic suggestions for the nets. Email Jeany with suggestions and we can start the nets with a topic or question. Net controller phone numbers are on the roster. If someone's number is not, we can get it to the net controllers. A list of net controllers is on the website or calendar. Everyone is doing a great job.

Tom W8KYZ mentioned that on 10 meters a few weeks ago while running the net, he was heard on an AM net just north of Philadelphia but he could not hear them. They sent him two very nice emails letting him know he had a beautiful signal of 5,9. We should look at other frequencies like 28.375 or 28.380 and let them have 28.370. We have had the net on that frequency but it is common. John, W8LYO brought up that when doing the nets, he has seen traffic on 28.380 on the spectrum.

Carl W8KRF - thanks to Jeany for questions and getting people talking on the nets.

Jeany KC3QND had people that are not hams approach her at the NOARSFEST and say they listen to the nets.

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Dan W8AJF mentioned an extra class that listens all the time but never checks in. Dan, W8AJF asked about trivia on the nets. That is a good idea but there is concern over most nets doing trivia. We are trying to keep ours more informational.

Tom, W8KYZ mentioned that when on 10 meters, if you hear a station the net control doesn't hear, please relay and let net control know. He has jumped on the 10-meter net and didn't think anyone was there but him and Dan, W8AJF. He submitted a net attendance report to find out there were 2 going on at the same time and no one could hear the other net.

VE Team – Elaine KC8FOS

We had 2 people take the test at NOARSFEST. This is a start because we have never done testing at NOARSFEST. Once word gets out, hopefully we will get more. Thanks to all the VE's who came out they were patient and split up testing. Next testing is September 3rd at North Olmsted Library.

Newsletter – Tom N8FDY

Submissions are due 7/27. You can put in all the stuff you could not sell at NOARSFEST.

Old Business – Carl W8KRF

Everything was pretty much covered.

New Business – Carl W8KRF

August meeting is the Picnic.

September is election season. This year we will need to get a new President and Vice President. Give it some thought; we will need a nominating committee. We will have nominations in October with the elections in November to follow.

A motion to adjourn was made by Jim, KD8OCW, seconded by Pete, KE8NQK. The motion passed. The meeting was adjourned 7:33pm

50/50 – winner Bill K2WJS

Program after meeting presented by Bill, W8PKT – Antennas with Bill.



Chet and the Xiegu X6100

Submitted by Chet, K8KIZ

Chet bought a Xiegu X6100 qrp transceiver and calls it an awesome little unit. Read a review of it at QRPer.com:

<https://qrper.com/2022/05/a-review-of-the-xiegu-x6100-portable-sdr-transceiver/comment-page-1/>

Here is a cool antenna suggestion:

"In fact, to get started you'll only need an antenna—something like my speaker wire antenna, for example, that consists of two wires: one 28.5 foot radiator and one

28.5 foot counterpoise. This random wire antenna is simply one length of 28.5' speaker wire I pulled apart into two 28.5 foot lengths. I attach it to the radio with a common BNC binding post adapter. Setup is simple: one wire goes into a tree, one lays on the ground. The X6100's internal ATU will easily find an impedance match so you don't even need an in-line transformer."

Read that full review here: <https://qrper.com/2021/06/field-report-lets-build-a-super-simple-antenna-on-site-and-activate-this-park/>

Visit Our HAM RADIO SHOWROOM TODAY!

Step inside our Showroom Monday through Saturday, 9 am to 5 pm. Or place your orders and pick them up at the curb. Here's how:

- Pick-up available from 9 am – 8 pm, Monday-Saturday and 9 am – 7 pm, Sunday.
- Place your order at DXEngineering.com or by calling 1-800-777-0703. All orders must be prepaid.
- Pull into a designated curbside pickup space in front of the Summit Racing Retail Store. You will need valid ID, your order number, and the physical credit card you used or Pay Pal receipt.
- Only the person who purchased the item may pick up the order.

We look forward to seeing you!

DXEngineering@DXEngineering.com

The DX Engineering Retail Showroom
1200 Southeast Ave. • Tallmadge, Ohio



For Sale by Sandy, W8KYS

Tailtwister antenna rotor with controller. Reconditioned. \$250.00

Ultimate Transmatch 2 kw antenna tuner. 160 – 10 meters. Was 175, now \$150

EICO Signal Tracer, model 147A. Manual. \$50.00

Contact Sandy, W8KYS. 440-647-2255

Ad Submission Guidelines

Electronic ads may be emailed to noarslog@noars.net.
Printed ads may be sent to NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44012. The deadline for submissions is seven days before the first day of each month. All must include: asking price, sellers name, call sign and phone number. Only ads from current NOARS

members, or paid advertisers will be accepted. If your items sell, please notify the Log editors at noarslog@noars.net so the ad can be removed. All ads will be removed (unless updated) after four months. NOARS reserves the right to refuse any ads.

For Sale by Earl, W8LYY

Heathkit BE-4 battery eliminator 10/5 amp. As is \$10.

Heathkit power meter HM-102 with manual \$25.

Heathkit active antenna HD-1424 with manual \$25.

Tektronix type 453 oscilloscope dual trace \$75

Contact Earl at fivestringthree@gmail.com

Free Manuals for the Following:

Alinco.DR 60ST 2/440 transceiver

E F Johnson Viking Challenger Transmitter

Icom IC 746PRO SM 8. Mic

National.NC 125 Receiver

Kenwood TR 7400 Transceiver

Kenwood IF-10 A/B/C Interface

Kenwood VFO 820/520 Manual Switch

Regency HR 2B 2 meter Transmitter

Heathkit DX 40 Transmitter

Heathkit GD 1246 Recharge Light

Heathkit HW 29A 6 meter Transceiver

Heathkit HW 2021 2 meter HT

Heathkit ID 1590 Wind Speed Indicator

Heathkit HD 1416 code oscillator

Heathkit HD 1410 Keyer

Heathkit WA P2 Preamplifier

Heathkit AC 11 Multiplex Adapter

Heathkit AA 1100 Stereo Amplifier

Heathkit PK 1 Universal Scope Probe

Heathkit 337C Demodulator Probe

Tektronix P6006 Probe

SAMS Tube Substitution Handbook. Volumes 1 and 8

RCA Tube Reference Book.1969 edition

Midland WR 100 Weather Alert Radio

Contact Tom, 440-320-5523 or tporter161@oh.rr.com

CW OP Lapel Pins for Sale Created by Chet, K8KIZ

They have been sent to multiple states, Denmark, United Kingdom, Germany, Australia

CW OP Pins are \$5.75 each. US S/H is \$5.06 - International S/H* is \$15.50

(*The US Postal Service ships to most countries around the world.)

NOTE: This pricing includes shipping charges for up to 10 pins per envelope.

For Example:

- 1 pin + US 1st Class S/H \$10.81
- 2 pins + US 1st Class S/H \$16.56
- 3 pins + US 1st Class S/H \$22.31
- 1 pin + International S/H \$21.25

2 pins + International S/H \$27.00

3 pins + International S/H \$32.75

NOTE: This pricing includes shipping for up to 10 pins per envelope.



Envelopes are 5"x7" tan heavy paper with inside bubble padding. Please send your order and full correct address with ZIP code to: CWpins05@gmail.com

Send your appropriate payment to: www.paypal.me/ANCRSundials

Please advise me if you are using a

different name with your payment (Example: a company name) so I can credit your email order.

Thank you! 73, Chet K8KIZ



Chet Roberts

22h

How would you like a CW OP label for a coffee mug, car window, or whatever? Get 3 of these 3" durable, waterproof and dishwasher safe labels by sending \$5 WITH a self-addressed AND self-stamped envelope to: Chet Roberts K8KIZ, 173 Fredericksburg Drive, Avon Lake, OH 44012. 73!



NOARS Information

Members of the Board of Directors

President: Carl, W8KRF

Vice President: Elaine, KC8FOS

Secretary: John, W8LYO

Treasurer: Tom, W8KYZ

Others: Bob, W8NNC, Tom, N8FDY

Others

Net Manager: Jeany, KC3QND

Club Trustee for K8KRG: Al, N8CX

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Volunteer Examiners: Elaine, KC8FOS; Glenn, AF8C;

Ron, N8EGZ; Sallie, AB8GI; John, KC8KI; Tom, W8KYZ; John, W8LYO; Dave, KD8MXE; Steve, K8NIA; Bob, W8OOT; Bill, K2WJS; Ann, KA8ZEP

Membership

Membership is open to anyone interested in radio communication. Dues are: Full \$15, Associate (non-licensed) \$7, Family members of a full member are \$4 each. Membership forms are available at www.noars.net. Make checks payable to NOARS and mail them to: NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44012.



Meetings

NOARS August meeting will be held at the North Olmsted Library, 27403 Lorain Rd. at 7 PM. Coffee and donuts at 6:30. All are welcome.

Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 MHz, Wednesday nights at 7 pm on 146.700 MHz, and Thursday nights at 8 pm. on 146.700 MHz. All licensed amateurs are welcome.

VE Testing

Saturday, September 3 at 10 AM at North Olmsted Library 27403 Lorain Rd. North Olmsted. Contact Elaine, KC8FOS at ewilkinson1961@gmail.com for more info. Walk-ins welcome.

Net Control Stations

Carl, W8KRF
Tom, W8KYZ
Dan, W8AJF
Jeany KC3QND
Elaine, KC8FOS
John, W8LYO