



NOARS Log



August 2020

K8KRG

Volume 56, Issue 8

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Prez Sez

Great meeting on July 20. Anthony, K8ZT is very knowledgeable and especially good at explaining about different subjects in a very easy to understand manner. His presentations are very informative. I am so glad he offered to make his presentations available to us at our meetings. If you missed his presentation on FT8 & FT4, the video is available in the Members Only section of our website. The last 10 minutes of the video is our business portion of the meeting.

I had a very good time at Elaine and Tom's QTH on Saturday, July 18th. Although the main purpose of the get

together was to construct and test tape measure Fox Hunt Yagi antennas, it became a very nice social event and luncheon. Our hosts had work stations setup and plenty of room for those who wanted to work on antennas could do so. They also provided us with a very flavorful lunch consisting of cheeseburgers and hot dogs and all the fixings and sides.

I also was able to spend time with Tom and his Creality Ender 5 Plus 3D printer. I was so impressed with it that I ordered the same printer when I got home and

(Continued on page 2)

August Membership Meeting Program

HOA Solutions – Beating the System

Bob, W8NNC will present about antennas in HOAs and how to overcome problems.

August 17, 2020 Virtual Meeting on Zoom at 7 PM

It's easy to sign on. Look for information on page 3 of this newsletter.



Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 MHz, and Thursday nights at 8 pm on 146.700 MHz. All licensed amateurs are welcome. Participation is encouraged and appreciated.

(Continued from page 1)

have it in operation as I write this. Some of you have antenna farms, some have vegetable farms (gardens), well, I am working on a 3D printer farm.

It was not a favorable decision to cancel the picnic but having it is not the prudent thing to do under the current situation with Covid-19 and the sudden increase of cases in our area. With most of us being in the vulnerable group, it is just the safest and sanest thing to do. Since there will not be a picnic, we will have a Zoom membership meeting on Monday, August 17th. Please join us.

Had a really good time today (Sat, July 25th) at our Fox Hunt. I was the first to find the little fox and relocated it so others could learn how to use their systems. I have become better at using the attenuator with my radio and tape measure antenna. It was a lot of fun. Thanks to Elaine KC8FOS and Tom N8FDY again for setting this up and Chet K8KIZ, Dan W8AJF, Bill K2WJS and Connie K8CCS, and Dave KY8OSU for participating. There will be another in a few weeks which will be announced later in the *Log*.

Everyone, take care. Until next month, be safe and 73,
Carl W8KRF

Fox Hunt August 15

Join us for another fox hunt in the Cleveland Metroparks on Saturday, August 15 at 11 AM. As always, you do not need fox hunt gear to join in the fun. We hunt the fox a

few times and socialize, keeping social distance, of course. We hope to see you there.

ARRL Learning Network Presentations

Thanks to Tom, W8KYZ for submitting this.

ARRL will be presenting 30-minute live Webinar education series. Pre-registration is required. Go to www.arrl.org and enter Lifelong Learning. Further information is on the ARRL home page.

Fun with Digital Signal Modes FT4 and FT8 on Thursday July 30th, 3:30pm.

HF Wire Antennas. Thursday, August 6th, 3:30pm.

Introduction to Digital FM Modes. Tuesday, August 11th, 8:00pm.

Introduction to Computer Logging. Thursday, August 13th, 3:30pm.

Capture the Magic of 6 Meters. Tuesday, August 18th, 1:00pm.

The Sport of Finding Hidden Transmitters on Foot. Thursday, August 20th, 3:30pm.

2020 Cleveland Hamfest Canceled

The July 29 announcement reads:

“The Hamfest Association of Cleveland is sad to announce that the 2020 Cleveland Hamfest has been canceled. We have been continuing to plan as if we would be able to hold the event like we have every year since

1974, but uncertainty from the fairgrounds as to our ability to use the facilities has forced us to make this difficult decision.”

For the full announcement, go to www.hac.org

Upcoming Social Events

August

Virtual NOARS Lunch Tuesday, August 4

Join us on **Zoom at noon** for our fifth Virtual NOARS lunch.

Gathering of Family and Friends

Join us at **Golden Corral in Elyria on Thursday, August 6 at noon**. The restaurant takes precautions to keep customers and staff safe. This does not replace the NOARS Tuesday Virtual Lunches but is in addition to them. Please let Elaine, KC8FOS, know if you will join us. ewilkinson1951@gmail.com or call 216-337-4235.

Interesting Link

On All Bands, an Amateur Radio Blog by DX Engineering

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

One of the NOARS Log editors found this informative site while looking for information on fox hunts. The fox

hunt article as well as one about repeater etiquette appear elsewhere in this newsletter. Check out On All Bands. You'll be glad you did.

NOARS August 17 Meeting Will be Held on Zoom

Below is information sent by Carl. W8KRF in an email.

What do I need to participate in a zoom meeting?

You will need a computer or device with a webcam and microphone to participate in a Zoom session. If you do not wish to have an account, all you'll need to do to participate is click on the link for the class that your contact will send to you via an email invitation.

Do you have to have a zoom account to join a meeting?

A Zoom account isn't required to attend a meeting. Users do need a Zoom account to host a meeting. ... Anyone can join a meeting using the Zoom mobile apps or desktop applications for Windows and Mac.

Do you need a webcam for zoom?

Do I have to have a webcam to join Zoom? You are not required to have a webcam to join a Zoom group video call. You will not be able to transmit your video. You will continue to be able to listen to video calling and view any screen sharing.

How long is a free Zoom meeting?

With the free version of Zoom, users can hold an unlimited number of meetings, but group meetings with multiple participants are capped at 40 minutes in length, and meeting can't be recorded.

Food Group Net

The Food Group is held every Wednesday evening on the 146.700 repeater at 7 PM. The conversation is not just about food – we talk about many things, including

amateur radio issues, books, tales from our childhoods, current projects, family happenings, and more. We hope you can join us.

July Gathering of Family and Friends

Nine people gathered and enjoyed a meal and conversation: Roger, AB8IF and Anita; Bill, N8WS and Judi, WD8ASV; Ann, KA8ZEP and Dan W8AJF; Dave, KY8OSU; Tom, N8FDY and Elaine, KC8FOS. The

Gathering of Family and Friends is always on the first Thursday of each month at Golden Corral in Elyria at noon. All are welcome.



Bob Plow's, W8NNC, QRP Field Day Station

Bob used his attic dipoles. The blue battery on the right is a 9 A-H which powered the IC 703 at 5 watts the

whole time and was still at 13.1 volts when he quit. A good battery!



July 18 Fox Hunt Training Event



Fox Hunt in the Cleveland Metroparks



Fox Hunting—Getting Young People Hooked on the Adventure of Ham Radio

By Wayne KE8JFW on October 18, 2019 at 7:55 pm on On All Bands, An Amateur Radio Blog by DX Engineering

How do you convince a young person to drop the video controller, put away the smartphone, step out into the sunlight, and give Ham Radio a whirl?

Cue the Mission Impossible theme and try this pitch: There's a transmitter hidden somewhere in a field. It could be anywhere! The fate of the world depends on you finding it before the bad guys do. The clock is ticking, and all you have to work with is a directional antenna, a handheld radio, and your ultimate superpower—your brains. Are you up for the challenge?

Okay, maybe a little overdramatic, but those who love fox hunting understand there's nothing more exhilarating than the thrill of the chase and the rewards of using your wits to be the first to find the elusive trans-

mitter (the fox) before the competition does.

To a youngster with a vivid imagination, it's a live action video game, the climactic scene from a superhero movie, or a chance to discover clandestine pirate treasure. For those with an inclination toward science, fox hunting is Pokémon Go without the anime, but with a lot more value in learning about radio signals, antennas, and electronics. To Elmers who want to share their awesome hobby, fox hunting can be an excellent portal to introduce a new generation—tomorrow's search-and-rescue operators—to the fun and usefulness of Amateur Radio.

To read the full article, go to

<https://www.onallbands.com/fox-hunting-getting-young-people-hooked-on-the-adventure-of-ham-radio/>

This is certainly something we can look forward to when we can once again gather with young friends.

Teamwork, What Ham Radio is Known For

Dan, W8AJF and Dave, KY8OSU, working together to straighten the pipe a fellow ham needs to replace a ver-

tical antenna. A big thanks to W8AJF and KY8OSU!



August Birthdays

Frank Pawlikowski, KE8JON

Al Moriarty, N8CX

Marlin Lloyd, K8SVT

Erik Rogal, KD8RNF

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!



July 20, 2020 Membership Meeting Attendance

Tom, W1AFC

Robert, WA8JBT

Jim, KD8OCW

Bill, AC8FS

Chet, K8KIZ

Dave, KY8OSU

Tom, N8FDY

Carl, W8KRF

Tom, W1PDI

Elaine, KC8FOS

Tom, W8KYZ

Tom, K1TRB

Roger, AB8IF

Bob, W8NNC

Anthony, K8ZT

Heard on the Nets in July

Jeff, K8ACF

Jody, KE8GKO

Pete, KE8NQK

Russ, WB8UPA

Greg, N9AGC

Chris, KD2HCE

Jim, KD8OCW

William, N8UPZ

Dan, K8AGW

Roger, AB8IF

Michael, KE8OLR

Matt, KD8VTX

Fred, N8AHS

Bryan, W8JMI

Bryan, N8OOF

Stephen, N8WB

Dan, W8AJF

Delmas, N8JYS

Dave, KY8OSU

Bill, K2WJS

Connie, K8CCS

Dan, K8KGX

Gary, KE8OUX

Tom, W8WLI

Lee, WA8ERA

Carl, W8KRF

Joe, KE8OUZ

John, KD8WPE

Ed, KI8D

Tom, W8KYZ

Tom, W1PDI

Bill, N8WS

Lee, WA8ERA

Rick, KD8LQU

Alan, KF8PM

George, WA8YVF

Mark, W8FAn

Alex, KE8MQH

Tom, K8PPZ

Ann, KA8ZEP

Tom, N8FDY

Dave, KD8MXE

Clark, N8PZD

Elaine, KC8FOS

Linn, KD8NGE

Erik, KD8RNF

August 2020

Sun Mon Tue Wed Thu Fri Sat

						1
2	3	4 10M Net 8 PM - NCS Elaine, KC8FOS Zoom Lunch at Noon	5 Food Group 7PM 2M NCS Elaine, KC8FOS	6 2M Net 8 PM NCS Elaine, KC8FOS Gathering of Family and Friends at Noon	7	8
9	10	11 10M Net 8 PM - NCS Tom, W8KYZ	12 Food Group 7PM 2M NCS Dave, KY8OSU	13 2M Net 8 PM - NCS Tom, W8KYZ	14	15 Fox Hunt 11 AM
16	17 NOARS Zoom On Line Meeting 7 PM	18 10M Net 8 PM - NCS KY8OSU	19 Food Group 7PM 2M NCS Elaine, KC8FOS	20 2M Net 8 PM - NCS Carl, W8KRF	21	22
23	24	25 10M Net 8 PM - NCS Tim, NC8X	26 Food Group 7PM 2M NCS Dave, KY8OSU	27 2M Net 8 PM -NCS Dave, KY8OSU	28	29
30	31					

Repeater Etiquette: Best Practices, Do's and Don'ts

By Sean Kutzko, KX9X on On All Bands, An Amateur Radio Blog by DX Engineering

The local repeater is often where new Hams make their first contact. I recall feeling a bit nervous when I tuned in to my local repeater for the first time. Would I “do it right?” Would somebody hear me? How should I tell people I wanted to talk to somebody?

I would hope that, as it was for me many years ago, your local repeater has some welcoming folks who use it. There may even be a weekly net you can be a part of. But like other shared resources in our community, we need to use it with others in mind. Here are some basic rules you can use to make your time on the repeater pleasant for you and your fellow Hams.

... Many repeaters have what is called a “courtesy tone” or “courtesy beep.” You’ll also notice that many repeaters stay active for a few seconds after somebody stops talking. Be sure to leave some space in the conversation to let the repeater stop transmitting. This helps prevent the repeater from “timing out” due to too long of a transmission. It also leaves room for another person to jump in if they have an emergency.

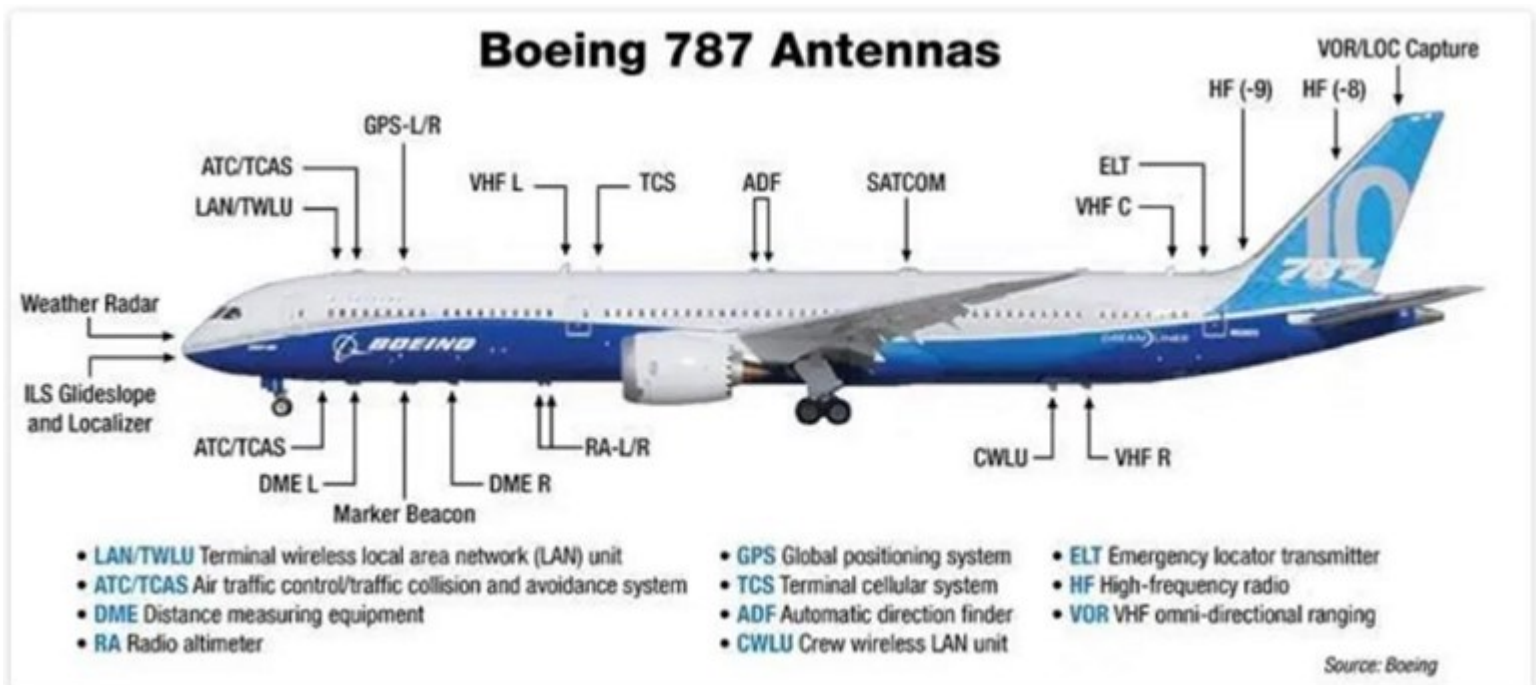
... There may come a time when you need to know if your radio sounds good into a repeater; perhaps you’re having a technical issue, or you’ve made an adjustment to your radio. It’s perfectly fine to get on your repeater and ask for assistance. For example, “KX9X testing; can anybody give me a signal report?” will do nicely. Be mindful of the time and don’t tie up the repeater too long trying to diagnose a problem. If there’s a lingering issue, move to a simplex frequency to continue diagnostics.

Earlier I noted that repeaters have a “time out” feature. The repeater will stop transmitting after a certain amount of time if it has been engaged without a pause. Three minutes is a standard timeout setting. Ensure that your transmissions aren’t so long that you risk timing out the repeater. Enjoy your conversation, but keep an eye on the clock, too.

This is a sampling of what is in the article. To read the full article, go to

<https://www.onallbands.com/repeater-etiquette-best-practices-dos-and-donts/>

Interesting Antenna Info from Chet, K8KIZ



July 20, 2020 NOARS Membership Meeting Minutes

Submitted by NOARS Secretary Elaine, KC8FOS.

The meeting was held over Zoom.

Fifteen people were in attendance.

Since the program preceded the business meeting, the meeting was brought to order by club president Carl, W8KRF, at 8:20 PM.

A motion to accept the June meeting minutes, as they were published in the newsletter, was made by Carl, W8KRF, seconded by Tom, W8KYZ. The motion passed.

Treasurer's Report: Tom, W8KYZ. Tom reported on a Corona Virus test he needed to have in preparation for a medical appointment. Apparently, having a little stick inserted deep in one's nasal passage helps one breathe better.

The only expense was Windstream for \$70.49. Balance reported. There were no questions. Tom, W8KYZ, made a motion to accept the Treasurer's Report, seconded by Dave, KY8OSU. The motion passed.

Repeaters: Carl, W8KRF. The repeaters seem to be OK. Carl's noticed a decrease in signal level at this house. He's not sure if it's a local problem or something going on at the site. He may make a welfare check.

Website: Carl. Up-to-date. Photos of the Fox Hunt Training event will be posted.

Membership: We currently have 83 members. No new members joined in June.

Field Day: Nine members sent scores to the ARRL.

Social Committee: Elaine, KC8FOS. Reported on the recent Fox Hunt Training event. Eight people gathered to build tape measure fox hunt antennas and enjoy fellowship. The next Fox Hunt will be in the Cleveland Metroparks on Saturday, July 25 at 11 in the Cottonwood Picnic Area.

Other social events are the Zoom lunch on August 4th and the Gathering of Family and Friends on August 6 at the Golden Corral in Elyria.

Programs: Elaine. August – Bob Plow, W8NNC will speak on Home Owners Associations and antennas. September – Tony Emanuele, K8ZR will present *Activity Near You, 10 GHz and Above*. Bob, W8NNC advised that in October AI, N8CX will present an update on QRP.

Hamfests: Carl. Ours was canceled.

Sunshine: Tom W8KYZ. Bob Tome, W8RET, will have a procedure done on his shoulder in August.

Nets: Elaine. Nets are going well with more new call signs checking in. No interference lately.

Newsletter: Tom, N8FDY. Please submit items by July 27th, including things for sale.

Comments from Carl: It looks like we will have Zoom meetings for the rest of the year. The Annual Picnic has been canceled, so we will have a Zoom meeting instead.

Adjournment: Motion to adjourn the meeting was made by Tom, K1TRB, seconded by Elaine, KC8FOS. The motion passed. Meeting was adjourned at 8:30 PM.



Help Make the Log Great

The NOARS Log editors greatly appreciate submissions received over the years. However, we could always use more. These could include an article you've read or would like to write, an upcoming event you've heard of, information about a project you're working on or other

hobbies you have. How about photos you would like others to see? In short, please send us information about things you find interesting. You can also let us know about the sorts of things you'd like to see in the Log. Send them to noarslog@noars.net.

Looking for a good deal?



Free from Tom, W8WLI

Cushcraft ATB – 34. Four-element beam for 10, 15, and 20 meters. Beam needs work on trap covers and is on the ground. With a little TLC a great bargain because it's FREE.

Hallicrafters WR-2000 receiver. Covers AM, FM, and two

shortwave bands. Will probably need to have some capacitors replaced to become operational. Yes, it's free also.

Contact Tom, w8wli@yahoo.com.

Free from Harold, K8HRD

Mosley TA-33 Beam Antenna (10/15/20). Must take down from tower.

Contact Harold at 440-322-3770.

Newsletter Submissions

Email submissions for the Log to noarslog@noars.net. The deadline is seven days before the first of the month.

That gives us time to create and get the Log uploaded to the Website.

We're Here for Your Ham Radio Needs

The Showroom is Temporarily Closed to Walk-in Customers, But You Can Still Place Your Orders & Pick Them Up at the Curb.

- Available from 10 am – 8 pm, Monday-Saturday and 10 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.

Please note that the Summit Racing portion of the store is open. If you know your DX Engineering part number, you can place your order directly in the store and pick it up there.

We look forward to seeing you!

DXEngineering@DXEngineering.com

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



George Farris, K8NXI SK, Gear for Sale

There are many items. Included are:

Kenwood TS-2000

Yaesu FT-817

Yaesu FT-221

Yaesu VX-5R

Power supplies

Rotator

Speakers

Bird 43 wattmeter with slugs

Miscellanea such as keyer paddles, antennas, books

For a complete list of items, **contact Pam Farris at 330 488 4783 or E-mail at gfarris1@neo.rr.com.**

It is all located in North Canton.

For Sale by Tom, W8KYZ

Bird 43 Wattmeter Elements

25w....400-1000MHz

100w....25-60 MHz

100w....100-250 MHz

100w....400-1000 MHz

\$40.00 each

Power Supplies

Daiwa PS14011 10amp. \$30.00

Herald BA-45A 4 amp 10.00

Sharp AD112 12v dc, 60 Hz, 40 watt. \$10.00

Antennas

Larsen 2 Meter LM-MM mag mount and LM-150 coil. 5/8 wave. \$40.00

Larsen 10 Meter NMO-MM mag mount and NMO-27 coil. \$40.00

Larsen Antenna "grab bag". Includes three NLA 220 coils/1 LM-150 coil/other parts. \$25.00

MFJ-1717S 2/440 HT antenna with male SMA connector. 15" long. \$20.00

2 meter J-pole. \$5.00

New VHF Yagi vertical: Nil-Jon HD-146-V3-U. Assembled. \$30.00

K40 CB mag mount with antenna. \$40.00

2 meter Expert Power HT antenna. SMA connector. \$3.00

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

For Sale by Dave, WV8P

Icom 703, QRP rig. Does not have six meters. 250 Mhz filter installed and a 500 Hz to install later.

Automatic tuner with an extra cable to use if installing it in a car.

Samlex power supply.

All items are in a hard case, ideal for travel. \$500

Contact Dave, WV8P at wv8p@roadrunner.com

For Sale by Bill, WD8OSJ

Kenwood TS-830 HF Transceiver. Has all filters. Manual. \$300 or best offer.

Kenwood AT-230 Antenna Tuner for TS-830. \$75.

Kenwood VFO-230 FOR TS-830. \$75.00

Contact Bill at 440-522-4622

Prices Lowered by Harold, K8HRD

Complete Icom Station:

IC-746PRO. 10-160 meters, 6 and 2 meters. 100 watts

IC-125 25 amp matching power supply

IC-21 matching speaker.

Original boxes, manual, mic.

\$850, or best offer.

Icom IC-2100H. 5/10/55 watt. Manual, original box, mobile bracket. Receives 136-174 MHz. Transmits 144-148 MHz. \$55.00, or best offer.

Ameritron RCS-8V. Remote 5-antenna coax switch using 1 coax to transceiver. Includes 48 ft of 8 conductor hookup wire and 28 ft of RG213U coax. \$150.00.

Contact Harold, K8HRD at 440-322-3770.

Tower and Antenna Parts for Sale

Tim Holmes' tower with antennas came down in a tornado in Medina county. He would like to sell undamaged and salvageable items:

- Twenty feet of undamaged tower sections
- Ten-foot tower section, slightly bent at the bottom
- Rotor (believes still works)
- Parts of a broken mast which may be salvageable
- Possibly salvageable parts of a 6-meter beam antenna
- 3-element tribander with some bent elements which could be salvaged and rebuilt, or made into rotatable dipoles
- Fragments of a 2-meter beam
- A tiny 440 beam which has never worked
- Rotor controller
- Other sections of tower of unknown type
- Rotatable dipole
- Bunch of cables
- Big box of assorted ham stuff.
- Tim is asking \$200 or best offer for the lot of it. He's carefully taking the pieces apart so they should be in decent shape. You will need to pick it up

Contact Tim via e-mail: taholmes160@gmail.com

For Sale by Sandy, W8KYS

Hallicrafters S-40A Receiver. All band and continuous tuning. Has been recapped. Best offer.

Hy-Gain Tailtwister Rotor. Rebuilt by C.A.T.S. \$275.00.

Contact Sandy, W8KYS, 440-647-2255.

Estate sale, Ron, W8GMH SK

Contact Bob Adornetto, 440-382-6710, mrhoop01@sbcglobal.net

Mostly all the equipment has manuals located in top lid or small file cabinet next to the tall cabinet.

Ameritron AL-1500 amplifier with EBS-1 add on board with manual: \$2000.00

Yaesu FT-990DC transceiver with 250 cycle filter and manual: \$600.00

Yaesu speaker SP-6: \$90.00

Heights 40ft alum crank-over tower with mast and rotor shelf: \$450.00

Hy-Gain antenna TH6DXX, must remove from tower: \$175.00

Hy-Gain Ham IV rotator & rotor box with upgraded cable connector, must remove from tower: \$150.00

Heathkit SA-2060 ant tuner: \$175.00

Drake W-4 wattmeter: \$60.00

Heathkit DX-100 (works, needs fuses in plug): \$50.00

Heathkit AT-1 (works) (collectable): \$75.00

Icom power supply IC-PS30: \$125.00

Ameritron antenna switch RCS-4 with connector box under patio awning: \$50.00

Alinco 2m/440 transceiver DR-590 with separation kit: \$100.00

Alinco 2m/440 transceiver DR-590 (2nd one): \$75.00

Kenwood 2-meter transceiver TR-7800: \$40.00

Kenwood 2-meter transceiver TR-7800 (2nd one): \$40.00

Heathkit antenna tuner AC-1 (collectable): \$50.00

Heathkit wattmeter HM-2140 (collectable): \$40.00

Heathkit wattmeter HM-2141 (collectable): \$40.00

Heathkit swr bridge AM-2 (collectable): \$20.00

Yaesu microphone MD-1 with eil HC-4 DX

Dream machine cartridge: \$100.00

Cushcraft R-7 vertical antenna hanging up in garage as a bundle: \$100.00

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: CWp-ins05@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: Dave, KY8OSU

Secretary: Elaine, KC8FOS

Treasurer: Tom, W8KYZ

Others: Bob, W8NNC, Tim, NC8X; Tom, N8FDY

Others

Net Manager: Elaine, KC8FOS

Club Trustee for K8KRG: Al, N8CX

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Volunteer Examiners: Tom, W8KYZ; Joe, W8GWD;
John, KC8KI; Dave, K8WRS; Sallie, AB8GI

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

Meetings are held at 6:30 p.m. on the third Monday of every month, except August and December, at the North Ridgeville Branch of the Lorain County Public Library, 35700 Bainbridge Rd, North Ridgeville, OH. The doors open at 6:00 PM for a social time with coffee and donuts.

Meetings are open to the public and 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.

Committees

Parliamentary Committee: Tom, N8FDY

Repeaters: Carl, W8KRF; Tim, NC8X

Field Day: Al, N8CX

Hamfest:

Sunshine: Tom, W8KYZ (temp)

Membership: Carl, W8KRF

Club Property Committee: Tom, W1PDI

Program Committee: Elaine, KC8FOS; Joe, W8DYZ;
Bob, W8NNC; Dave, KY8OSU

Social Committee: Elaine, KC8FOS; Dave, KY8OSU;
Ann, KA8ZEP

Public Relations Committee:
Dave, KY8OSU; Elaine, KC8FOS



VE Testing

VE Testing is offered the third Sunday of every month.

2929 West River Road
N. Elyria OH 44035,
from 12:50-3 PM.

Net Control Stations

Elaine, KC8FOS

Carl, W8KRF

Tom, W8KYZ

Dave, KY8OSU

Tim, NC8X