



NOARS Log



April 2023

K8KRG

Volume 59, Issue 4

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Prez Sez

NOARS Winter Hamfest was a success, although winter showed up for a brief time in the morning. It was great to see the turnout exceeded expectations. Testing was also offered during the hamfest and that was a success as well. It was nice to see so many people interested in getting a license or upgrading. I know we can build on that momentum going into NOARSFest and Field Day. Thanks to all who attended. We also could not have done it without all the volunteers; thank you and huge props go out to Carl, W8KRF for coordinating and planning this event.

If you did not know, and are looking for some DX, 10 meters and some of the other bands have been open to Asia and Oceania late afternoon through early evening. As usual, some days are better than others. If you don't want to go through all the solar data to find out where the signals in your area are landing, try <https://pskreporter.info/pskmap.html>. You can filter by band or all and show where signals are received from you or your grid square as well as other options. Even if you do not work digital modes or CW, it is still a good way to see where you may be heard and which bands are the best for the area you wish to work.

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The Membership Meeting will be Monday April 17 at 7:00 PM.

at North Olmsted Library, 27403 Lorain Rd. Coffee and donuts at 6:30 PM.

Program: POTA

Parks On The Air: What is it? How Does it Work? How do I do it? This is in preparation for the NOARS POTA Party on Saturday, May 13 at 10 AM in Findley State Park. .

NOARS will send Zoom meeting information via email.

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.



Continued from Prez Sez on page 1

As far as CW, I stumbled upon <https://morse.withgoogle.com/learn/> which started me down the path of trying to learn it again. I find morse with google to be an interesting fun way to take this up again. I think if I could spend the time doing it every day consistently, I would make some good progress. Although it is meant to be used on a mobile device browser with the special Gboard keyboard, it is easy to get started and fun. You can also use it on a desktop

browser, but I find being on the phone is a perfect escape for those down times when I would reach for my phone to surf or play games. Google really started this project to use morse as a test for accessible communications. I think this project can lead to more opportunities not only for us to serve the community but also to expand the reach of ham radio.

73'

John W8LYO

Vice President's Message April 2023

Amateur Radio Runs on Volunteers

by Elaine, KC8FOS

As evidenced by the success of the NOARS Winter Hamfest, the success of an amateur radio club and its activities runs on volunteers. More volunteers = easier work. What NOARS volunteer opportunities are there?

Be on a committee. They usually meet no more than once a month, often less frequently, so you don't have to sign your life away. Help at a discrete activity, such as Hamfests, the upcoming POTA Party, a Foxhunt, NOARS Antenna Day, the Annual Picnic, and becoming a VE (if you're an Extra), and more. Thank you to all who, when asked to help, say yes. As the saying goes, "Many hands make light work."

General Class Test Question Pool Changes July 1

From the ARRL Website:

The National Conference of Volunteer Examiner Coordinators' (NCVEC) Question Pool Committee (QPC) has released the 2023 - 2027 General Class FCC Element 3 Syllabus and Question Pool to the public. The new General Question Pool is effective July 1, 2023, through June 30, 2027.

The new pool incorporates some significant changes compared to the 2019 - 2023 version. Its 432 questions

were modified slightly to improve wording and to replace distractors; 51 new questions were generated, and 73 questions were eliminated. This resulted in a reduction of 22 questions, bringing the total number of questions in the pool down from 454. The level of difficulty of questions is more balanced, and the techniques and practices addressed have been updated.

For complete information, go to <https://www.arrl.org/news/new-general-question-pool-released-for-ham-radio-licensing-effective-july-1-2023>.

Ham Test Online Going Out of Business

After twenty years, Ham Test Online is going out of business as of June 30, 2023, unless someone buys it. There is still time to use it for your first license or upgrade

in the next three months. Go to <https://www.hamradiolicenseexam.com> for more information.

POTA Party

Join us at Findley State Park on Saturday, May 13 at 10 AM for our POTA Party. We will set up, activate the park, make contacts, and have a lot of fun. Come to the

April NOARS Membership Meeting on the 17th to learn about POTA. More info in the May Log.

April 2023 Social Events

NOARS April Lunch

Tuesday, April 4. 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.

Foxhunt

Saturday April 29. The first Foxhunt of the year at 11 AM in **Bradley Woods Reservation**, 4538 Bradley Rd., Westlake, OH.

Welcome New Members

New members as of March are: Elijah Shepherd, KE8WUE; William McKinney, KE8WUF; Erich Papesch, KE8WUS. Welcome, we are glad you are with us!

NOARS Winter Hamfest Honor Roll

Thank you to the following volunteers who made the Winter Hamfest possible: Carl, W8KRF – manager; Eric KE8VZA - setup and handled ticket sales; Andrew KE8WMS - helped set up and assisted ticket sales;

Chuck K8CVM – MC; Janeen Dolinar – 50/50; Clark, N8PZD – 50/50; Paul, KE8WHG – setup; Dennis KE8OQA – setup; John W8LYO – setup; Chris, KE8MMY set up testing signs.

Get Your Foxhunt Groove On

Please join us at the first foxhunt of the season on Saturday, April 29 at 11 AM in Bradley Woods Reservation, 4538 Bradley Rd., Westlake, OH. We will meet in the pavilion. A license is not needed since the fox (a hidden transmitter) will be hunted by listening. There

will be gear to share for those who need it. Besides hunting the fox, we will discuss next steps for our fox hunts. Anyone interested is welcome to go to lunch afterwards.

Member Upgrades From the NOARS Winter Hamfest Test Session

NOARS members who upgraded to General: Chris Durkin, KE8MMY; Andrew Lent, KE8WMS; Harold Rankin, KE8WHM;

NOARS members who upgraded to Extra: Scott Emery, KE8VOX; John Lopez, KE8WHF.

Congratulations to all of you. Well done!

CompacTenna 2M/440+ Antenna Won by Dennis, KE8OQA!

Dr. Jack, N8NDL donated a COMPACTenna Base Station Antenna System as the grand prize in the NOARS Winter Hamfest. Dennis, KE8OQA was the lucky winner of that prize. The system consists of the CompacTenna 2M/440+ Antenna and CompacCounterpoise.

The system is a solution for stealth yet powerful VHF/UHF operation, for HOAs and homes in general. For more information about this system as well as other of Dr. Jack's antennas, go to <https://compactenna.com>. His antennas are available at DXEngineering and Ham Radio Outlet.



April Birthdays

Bryan Waltz, W8JMI
Allen Higgins, KE8KZO
Dan Stauffer, K8KGX
Earl Jolley, W8LYY
Zackery Molseed, KE8MVR
Tom Miller, W1PD
Diane Baird, SWL
John Cobb, KC8WLY
David Semanik, K8WRS

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!



March 20, 2023 Membership Meeting Attendance

In Person

Bill K2WJS
Bill KE8DIF
Bryan N8OOF
Chris KE8MMY
Chuck K8CVM
Connie K8CCS
Dan W8AJF
Earl W8LYY

Elaine KC8FOS
Eric KE8VZA
Gary N8VFW
Janice W8MTR
John W8LYO
John WH2U
Paul KE8WHG
Pete KE8NQK
Sara KC8KSU

Tom W8KYZ
Tom N8FDY
Tom W1PD
Will KE8WHM
Zoom
Ann KA8ZEP
Bill N4NZZ
Bill N8JET
Bill NH8ET

Bob W8NNC
Carl W8KRF
Corey KE8PQW
Dennis KE8OQA
Dr. Jack N8NDL
Joe/Patty WE8KAT
John W8LYO
Ken W4CCZ
Scott KE8VOX

Heard on the Nets in March

Dan, K8AGW
Fred, N8AHS
Dan, W8AJF
John, AC8AT
Tony, KD8ATK
Connie, K8CCS
Chuck, K8CVM
Mark, KE8DIH
Mike, KE8ETO
Wayne, NC8F
Tom, N8FDY
Elaine, KC8FOS
Mark, KC8FQV
Jody, KE8GKO
Chris, KD2HCE

Bryan, W8JMI
Ken, W8KH
Carl, W8KRF
Sara, KC8KSU
Tom, W8KYZ
Lenny, N8LXQ
Todd, KA8LYL. Corpus
Christie, TX
John, W8LYO
Earl, W8LYY
Jim, W8MCR
Chris, KE8MMY
Janice, W8MTR
Dave, KD8MXE
Jack, N8NDL
Mark, KD8NNA

Pete, KE8NQK
Jim, KD8OCW
Ron, N8OD
Bryan, N8OOF
Bob, W8OOT
Dennis, KE8OQA
Alan, KF8PM
Clark, N8PZD
Jeany, KC3QND
Ron, W8RON
Steve, K8SAS
Nick, KD8SLG
Joe, KD8STR
Mark, KE8TCE
Tony, KB8TK

Mike, W8TTF
Dwayne, WO8U
Scott, KE8VOX
Rick, KE8VRM
Eric, KE8VZA
Paul, KE8WHG
Brigid, KE8WJD
Bill, K2WJS
Tom, W8WLI
Andrew, KE8WMS
Bill, N8WS
Lenny, N8XLQ
Ann, KA8ZEP

April, 2023

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

						1
2	3	4 NOARS Lunch at Noon 10M Net 8 PM - NCS John, W8LYO	5 Food Group 7PM 2M - NCS Elaine, KC8FOS	6 2M Net 8 PM - NCS Jeany, KC3QND	7	8
9	10	11 10M Net 8 PM - NCS Tom, W8KYZ	12 Food Group 7PM 2M - NCS Jeany, KC3QND	13 2M Net 8 PM - NCS Tom, W8KYZ	14	15
16	17 NOARS Meeting 7 PM	18 10M Net 8 PM - NCS Elaine, KC8FOS	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 Dan, W8AJF	26 Food Group 7PM 2M - NCS Jeany, KC3QND	27 2M Net 8 PM - NCS Elaine, KC8FOS	28	29 Foxhunt 11 AM in Bradley Woods Reservation
30						

Guess Where They are Now?

Dan, W8AJF and Ann, KA8ZEP, aka Mr. and Mrs. POTA, adventured out to, and activated, East Harbor State Park and Catawba Island State Park to do POTA. It seems we

have many parks to choose from to have future POTA Parties! Thanks, Dan and Ann.



NOARS Winter Hamfest – Awesome!

By Carl, W8KRF

Winter Hamfest 2023 was the best-attended and most successful in the past 18 years that I have been involved in its planning and operation. After expanding our normal floor plan, we broke all recent records with 206 admission tickets sold and nearly 100% table occupancy. A special thank you to those who pitched in and assisted in the success, especially Eric, KE8VZA and Andrew, KE8WMS, who took control of the admissions table.

Single-handedly, Chuck, K8CVM did a superb job as our announcer and presenter. Janeen Dolinar (wife of John W8LYO) volunteered and did a fantastic job at the 50/50 table filling in for Ann, KA8ZEP, who could not attend because Dan, W8AJF had tested positive for Covid. Paul, KE8WHG; Dennis, KE8OQA; and John, W8LYO helped set up. Chris, KE8MMY set up VE testing signs. Finally, thank you to all who attended and those who offered help if needed. I foresee a very successful NOARSfest in July with that kind of support.







A Big Thank You

A heartfelt thank you to the following for donating items for prizes at the NOARS Winter Hamfest:

Jack Nilsson (Dr. Jack), N8NDL: Compactenna 2M/440+ Base Station with CompacCounterpoise

MFJ: Two 24/12-hour LCD clocks, lightning surge protector for 50-ohm coax, package of RFI suppression chokes, dry dummy load 100 with 50 ohm peak, 2/440 dual band telescopic HT antenna with sma connector, six-pack of ceramic end insulators

ARRL: two \$25.00 certificates and one \$50.00

Mastrant Antenna: two \$20 gift certificates

DX Engineering: two \$100 gift certificates

Cuyahoga Falls Amateur Radio Club: two tickets to their Hamfest

Buck, K4IA, EasyWayHamBooks.com. All Ham and No Spam® - The Easy Way:

Study Guides: Technician, General, Extra, General Radio Operator License

Operating Manuals: How to Chase, Work & Confirm DX; How to Get on HF; Prepper Communications

Mobil: \$25.00 gas gift card

Anonymous donor of a Baofeng Radio



POTA Logging

By Dan Wadsworth, W8AJF

In order to submit logs and acquire hunter credits the last article discussed getting signed up to log into the POTA web site. Hopefully you have already done that and are happily hunting for activators. Now we discuss activator logging requirements. This is very important since the activators are the only people doing logging. All this information is discussed in greater detail on the POTA rules page at <https://docs.pota.app/>

First, for an activation to be considered successful, there must be at least 10 contacts made with no duplicates at a park. The POTA log upload site automatically tests for duplicates at time of upload. Any duplicates are rejected. So be sure to check your log before uploading. As a rule, I make at least 15 contacts just to be sure.

What are the minimum logging requirements? For regular contacts just the following:

- Your station call sign and/or operator call sign.
 - Note that if using a club call sign or sharing a station the operator's call must be included.
- Other station's call.
- Date (beware they use UTC date).
- UTC time
- Band (can use WARC bands too).
- Mode (Phone, CW, FT-8 & etc).

The main exception is Park to Park (**P2P**) contacts. When you do a P2P contact you also get hunter credit, so don't pass those up because they are one of the weak ones. They are worth the trouble! For P2P contacts add following:

- Park identity number of the other station
- If they are in a multi-identifier park, each park number is counted as a separate contact (get 2 hunter credits

too).

- Some logging software automatically splits a multi park contact into separate contacts (ie: HAMRS).
- When using FT-8 ADIF logs for submission this info is not exchanged, but for some reason I have still gotten P2P credit. At this time, I don't know why, but I suspect the software POTA uses compares logs after both sides have completed log submission. Also, the other stations may be using FT-8 patched into other logging software.

When operating multiple operator/transmitter activations (like a field day) under a club call you use the club call but set the operator call to the current operator. All logs are submitted to the upload site under the club account login. Even though it is submitted under the club call, each operator and the club get credit for the contacts.

For additional info on setting up your log software to output all the required ADIF fields into the file to be submitted please see:

POTA ADIF Tech Ref guide (https://docs.pota.app/docs/activator_reference/ADIF_for_POTA_reference.html)

If you like to use paper logs, you can enter your logs later into software or choose the Manual Log Entry link in the My Log Uploads page (<https://pota.app/#/user/logs>). Unfortunately paper logs are not accepted.

When you create an ADIF log the file name, it is critically important that it is done properly. When submitting logs, follow the filename format: "callsign@parkNumber-activationDdate.adi". So, if W8AJF was at park K-1515 on March 24, 2023, you would name it: W8AJF@K-1515-20230324.adi. The upload site uses the file name to determine the park, station info, and date. If this is not correctly done it will cause an upload to fail!

POTA Logging Software

By Dan Wadsworth, W8AJF

Logging software is always a personal choice and there are many brands of software. My personal preference for phone activations is “HAMRS”. This software is very easy to set up for doing activations and when doing Park to Park entries it automatically splits multi park contacts

with one station into multiple log entries. This logging software has been reliable, does a great job at making ADIF files and is easy to figure out. It is free to download for Mac, Windows and Linux at their website: <https://hamrs.app/>

DATE	CALLSIGN	RST ↑	RST ↓	STATE	FREQUENCY	BAND	MODE	THEIR PARK
19:52:43 2023-03-27	KC8F0S	59	58	OH	14.305	20m	SSB	
19:52:08 2023-03-27	W8LY0	59	56	OH	14.305	20m	SSB	
19:41:08 2023-03-27	K8ZEP	59	55	OH	14.305	20m	SSB	
19:40:45 2023-03-27	K8KYZ	59	59	MI	14.305	20m	SSB	K-1515

For **FT-8** I use the WSJT-X software’s ADIF output. It does a great job in making the files, as long as I make sure the native ADIF file is empty before starting an activation, so my contacts from other operations aren’t mixed in. The only other task is that I must rename the file to follow the POTA upload file name rules (there is a way to get WSJT-X to output the filename, but I don’t bother with it). FT-8 does not allow exchange of Park to Park info though. Other than these minor inconveniences it has been very reliable in making error-free uploads to the POTA upload page.

For **CW** I prefer using Logger32 which is free software. It has a keyboard-sending capability I like called CW Machine. It is very difficult to set up though, and not for the beginner unless you want to spend many hours to set up.

Another software that can be set up for **CW**, **SSB** and **FT-8** is N3FJP logging software. It takes some experience with setting up to work with FT-8 that I have not mastered yet. It is not free but is more user friendly than Logger32. In the future I may go to it for all modes.

Self Spotting On The POTA Spot Page

By Dan Wadsworth, W8AJF

Before getting on the air and calling CQ, it is a great Idea to “Self-Spot” your activation. On my android cell phone I log into <https://pota.app/#/> spotting page. I make sure I have logged my phone into the site at home before I leave using my password so I don’t have to do it out in the field. I swipe to the bottom of the spotting page and touch “At a park now?” An information entry box shows your login

call already displayed. Enter your frequency (without the decimal point), Park reference number, and mention the mode in the comments. This will announce to all hunters that you are out there. After doing this when you call CQ you will have instant pileups of hunters eager to contact you! Make sure you spend time on the spot page to get handy with using it. It is a tremendous resource for Hunters and Activators.

Interesting Video from Chet, K8KIZ

Merchant Marine Morse Operators during World War II

in it during World War II.

Two former Merchant Marines discuss the importance of Morse Code to the Merchant Marine during their service

<https://www.youtube.com/watch?v=gnu8QIjMXxk>



Munching at the March Lunch

Seventeen of us gathered at the March lunch, including visitors Janice, who is Jeany's sister and Janis, Earl's wife. The monthly lunch is always the first Tuesday of

each month at Golden Corral in Elyria at noon. All are welcome. Always.



NOARS MEMBERSHIP MEETING MINUTES:

March 20, 2023

Submitted by Connie, K8CCS

Meeting was held in person at North Olmsted Public Library and via Zoom and was called to order by club president John W8LYO at 7:00 p.m.

Number of people in attendance: 21; Number of people on Zoom: 12. A total of 33.

Pledge of Allegiance

Introductions and roll call of all in attendance (in person/zoom).

Motion was made to accept the minutes as published in the NOARS Log by Dan W8AJF and was seconded by Chuck K8CVM. Motion was passed.

COMMITTEE REPORTS:

Treasurer's Report – Tom W8KYZ

Expenses in February:

\$25 – Gas Card for a mobile check-in prize.

Winter Hamfest Expenses: Still need to settle up bills regarding the Winter Hamfest. On the LCCC invoice there was a usage charge for removing a podium. This charge has not been part of prior invoices. Tom W8KYZ is following up to try to have that charge removed. There will be a further report next month regarding Hamfest expenses.

Motion was made to accept the Treasurer Report by Earl W8LLYand was seconded by Ann KA8ZEP. Motion was passed.

Parliamentary – Tom N8FDY - Nothing new to report.

Club Property No report.

Repeaters - John W8LYO stated that the repeaters are going well, he has not heard of anything about having to

do any work on it.

Website - John W8LYO stated the website is coming along and he is working on the profile for membership.

Membership - John W8LYO said membership is near 109.

Field Day - John W8LYO said Field Day is coming up in June. We will have more discussion about that at the next meeting. Reminder, we will be at a new location at the VFW Post, 6273 in Elyria, Ohio.

Social Committee – Elaine KC8FOS. The next monthly lunch is Tuesday, April 4, at the Golden Corral on West River Road. You do not need to be a member of NOARS. You do not need to have a ham license. Everyone is welcome.

First Fox Hunt of the season will be Saturday, April 29 at 11:00 a.m., location to be determined.

POTA party on May 13. Location to be determined.

Programs - Elaine KC8FOS - The April 17 Meeting Program will prepare us for the upcoming POTA Party to be held on May 13.

The May Meeting Program will prepare us for Field Day in June.

Hamfest – John W8LYO - We had a record turnout for the Winter Hamfest. Tom W8KYZ sated we had 205 paid attendees, which is an increase of about 30 over last year. We sold about 50 tables which was the same as the year before. LCCC is a wonderful location for our hamfests. At the upcoming July Hamfest, we will give either two or four spaces to those who want to tailgate, an increase from the past. Thank you to all the vendors and people who donated prizes for the Also thank you to all who volunteered their time. We had some new people at the front table and in other areas. They stepped up and did a superb job.

Continued on page 17

Continued from MEETING MINUTES on page 16

Sunshine – Tom W8KYZ. WD8OSJ – Bill Adams, Sheffield Lake, has been in the hospital and is not doing well. He has indicated to Carl W8KRF that, should he pass, he wants to donate his ham station, all of his equipment and antennas to NOARS. If you know Bill, give him a call. He has been a life member of NOARS.

W1AFC – Dave in Oberlin, passed away about a month ago. The estate donated equipment to NOARS. Earl W8LYY was able to sell the equipment and gave the proceeds to the NOARS treasury.

VE Testing – Elaine KC8FOS. Nineteen people tested at the Hamfest, eleven passed; four Technicians, five Generals and two Extras. Those in NOARS who upgraded are: Chris KE8MMY, Andrew KE8WMS, and Will KE8WHM upgraded to General. Scott KE8VOX and John KE8WHF upgraded to Extra. Scott KE8VOX has taken all three elements through NOARS. Congratulations to all!

Graders: John W8LYO, Ron N8EGZ, Dave KD8MXE, Bob W8OOT, Sally AB8GI, Bill K2WJS. Liaison: Elaine KC8FOS. Greeter: Connie K8CCS. The next VE session will be May 6 at the North Olmsted Library.

Newsletter – Tom N8FDY. The deadline is March 27 for articles for the next newsletter.

New Business- Carl W8KRF has uploaded photos on the NOARS Website that were taken at the Winter Hamfest. We have tickets that were donated for the Cuyahoga Falls Amateur Radio Club – Saturday, April 15. The tickets were distributed at the meeting.

Motion to Adjourn meeting was made by John W8LYO and Seconded by Elaine KC8FOS.

Meeting Adjourned 7:24 p.m.

April 17 Program – POTA



OUR NEW SHOWROOM IS OPEN!

Check out our new, more spacious 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

DX ENGINEERING



Visit the Newly Upgraded Showroom Today!

- Lots of Room for More Gear
- Latest Radios to Check Out
- Same Fast and Friendly Service

Can't make it in?
Simply order at DXEngineering.com

For Sale by Tom, W8KYZ

MFJ-108B, LCD 24/12-hour dual clock, with battery. New. \$20.00

Sony M-570V microcassette voice recorder with batteries. 2-speed record and playback. \$25.00

1943 U.S.Navy Bluejackets' Manual. \$10.00

Telex M-40 desktop computer microphone. \$5.00

Do-It 8-foot replacement power cord. Three conductor, 16 gauge medium duty. New. \$5.00

Optimus STA-300 AM/FM stereo receiver with two PRO 77, 8-ohm bookshelf speakers. \$30.00

Uniden PRO538w 40-channel CB radio with microphone, mobile mount, and manual. \$25.00

Larsen Kulrod antenna base coils (6). NMO 2/70. NLA 220 (200-265 MHz). LM-150

(890-960 MHz, ¼ wave antenna. New. Mounting hardware for NLA-B, rubber mounting gaskets. Other parts and hardware. \$25.00 for all.

Contact Tom, W8KYZ. 440-320-5523 or tporter161@oh.rr.com

For Sale by Tom, N8FDY

ZUM Radio Elite 3.5 LCD ZUMspot Kit \$250

Zeenko NanoVNA SAA-2N 50K-3GHz Hardware V2.2 \$100

Siglent SDS 1104X-E 100 MHz Digital Oscilloscope, up to 1 GSa/s sample rate \$400

Siglent SDG 1032X Waveform Generator, 2 Channel, 30 MHz \$300

Siglent SDM 3045X 4 1/2 Digits Dual-Display Digital Multimeter \$350

Special Bundle Price, buy all three, Oscilloscope, Waveform Generator and Multimeter \$900

Hantek 1833C LCR Meter with case \$100

Rigol MSO5074 Digital Oscilloscope \$700

Contact Tom, N8FDY, thomasfwilkinson@gmail.com, 216.409.1886

For Sale by Sandy, W8KYS

Tailtwister antenna rotor with controller. Reconditioned. \$250.00

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

Contact Sandy, W8KYS. 440-647-2255

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

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.



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: John, W8LYO

Vice President: Elaine, KC8FOS

Secretary: Connie, K8CCS

Treasurer: Tom, W8KYZ

Others: Carl, W8KRF; Tom, N8FDY; Chris, KE8MMY

Others

Net Manager: Jeany, KC3QND

Club Trustee for K8KRG:

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Volunteer Examiners: Elaine, KC8FOS; Glenn, AF8C;

Ron, N8EGZ; Sallie, AB8GI; Tom, W8KYZ; John,

W8LYO; Dave, KD8MXE; Steve, K8NIA; Bob,

W8OOT; Bill, K2WJS;

Committees

Parliamentary Committee: Tom, N8FDY

Repeaters: Carl, W8KRF; John, W8LYO;

Pete, KE8QNK; Bryan N8OOF

Field Day:

Hamfest: Carl, W8KRF

Sunshine: Tom, W8KYZ

Membership: Carl, W8KRF

Club Property Committee: Carl, W8KRF

Programs Committee: Elaine, KC8FOS;

Bob, W8NNC; Pete, KE8NQK;

Jeany KC3QND

Social Committee: Elaine, KC8FOS; Ann, KA8ZEP;

Linda, KM4GSF; Sara, KC8KSU

Public Relations Committee:

Chris, KE8MMY

Membership

Membership is open to anyone interested in amateur radio. Dues are: Full \$15, Associate (non-licensed) \$7, Family members of a full member \$4 each. Membership and payment 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

The third Monday of each month 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

The 1st Sat of odd numbered months at 10 AM at North Olmsted Library 27403 Lorain Rd. North Olmsted. Contact Elaine, KC8FOS at ewilkinson1951@gmail.com for more info. Walk-ins welcome.

Net Control Stations

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

TUSCO AMATEUR RADIO CLUB'S 2023 HAMFEST, COMPUTER & ELECTRONICS SHOW

Saturday April 22, 2023

Tuscarawas County Fairgrounds

259 S. Tuscarawas Ave, Dover, OH 44622 *Enter through Tusc. Ave. gate*

Talk/Check In: W8ZX on 146.730 PL: 71.9 (Disabled during Hamfest)

Main Door Prize: Yaesu FT-891 All Mode HF + 50MHz Transceiver

Includes RT Systems ADMS-891-USB Programming Kit



Admission: \$5.00 Donation at the door

Presale: One admission ticket @ \$5 + extra prize tickets as you wish @ \$4 for one, \$6 for two, or \$10 for three, or multiples thereof. Any request received after April 1, 2023 will be held for pick up at the door. Winners MUST be present for door prizes; main prize can be sent.

Tables: \$10.00 Plus Admission

Open: 6:00 am for set-up, 8:00 am to 1:00 pm for public

FREE close parking available



DEALERS WELCOME!

Door Prizes

****120 Volt power available (Please bring your own extension cords)****

A SELF ADDRESSED, STAMPED ENVELOPE MUST BE RECEIVED BY APRIL 1, 2023 TO ENSURE THE RETURN OF A RESERVATION CONFIRMATION. RESERVATIONS MUST BE PAID IN ADVANCE!

Check out our web page! www.w8zx.net

Find our group on Facebook!

For additional information and / or to reserve tables please contact:

Rick Dingman KE8URA 330-934-0575 or Cindy Gray KE8JNN 330-340-4946

Or Email: w8zx@n8bag.net

Mailing address for presale reservations: Rick Dingman KE8URA 303 N. 5th St. Dennison, OH 44621