K8KRG Volume 60, Issue 08



Table of Contents

August 2024

President's Message	1
News	2
Social Events	3
July NOARSfest a Hot Time	5
Birthdays, Meeting Attendance, Heard on the Nets	7
Calendar of Events	8
Hams Who Can	9
Wadsworths do POTA in July	10
July Tuesday Lunch	12
July Weekend Lunch	14
NOARS Membership Meeting Minutes June 17, 2024	15
For Sale	17
NOARS Information	20

Prez Sez

Another NOARfest is in the books. For the first time in years, it was a nice day with no rain and mild temperatures. This year's turnout was not nearly what we had for the NOARS Winter Hamfest, but was respectable. The first thing I want to do is thank everyone for their help putting this together - Carl, W8KRF for planning and setup and Tom, W8KYZ for coordinating the venue; Paul, KE8WHG for helping set up in the morning, Chris, KE8MMY for signs and flyers; Josh, KE8YUG and Marie, KF8ANS for on-air checkin; Rich, KE8YUP and Bill, N4NZZ for parking lot duty; Eric, KE8VZA for ticket duty; Janeen Dolinar and Ann,

KA8ZEP for 50/50 inside; Jeany, KC3QND for 50/50 outside; Dan, W8AJF and Chuck, K8CVM for MC work and prizes. The VE team was Elaine, KC8FOS; Bill, K2WJS; Scott, KE8VOX and Ron, N8EGZ. I am sure I missed someone, so thanks to all and especially everyone who attended and had a great time. Very special shoutouts go to Dr Jack, N8NDL for a prize donation of a COMPACtenna 2m/70 cm antenna. To see more about the antennas, go to https://compactenna. com. Thanks to the anonymous benefactor for donating a Baofeng HT and more. We hope to see everyone at

Continued on page 2

No Membership Meeting This Month Instead:

NOARS Annual Picnic, Monday, August 19 from 6 PM to 8 PM

This year the picnic will be in a new place – South Central Park in North Ridgeville. It's at the corner of Bainbridge Rd. and Rt. 83. Enter from Rt. 83. You will see the pavilion straight across the parking lot. Two advantages to the new site: the pavilion is easier to get to than the one at the Duck Pond for those with mobility issues, and the bathrooms are very close by. Thanks to Bill, K2WJS for suggesting the change. We will eat at 6:00 PM, but the pavilion has been reserved from 4-8, so come early if you'd like. The picnic is always a good event. More details will be emailed.

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

future events. This year we will review to see if there is anything we can do better or differently for future Hamfests. For those not aware, our current venue of Lorain County Community College has kept our cost pretty much the same for many years. This will change starting with NOARS Winter Hamfest in 2025. We will have a significant increase in the venue fee along with a new set-up, concession, and room rental (for VE testing) fees. Our goal is to continue to provide this resource to the amateur radio community in the most cost-effective way to attendees as well as the club.

From the shack front, I participated in the 13 Colonies event, earning a clean sweep in SSB and Digital modes with all bonus stations. I can say it helped that I started day one to get most of what was needed and continued through the week. For those of you who also participated or listened, I was very disappointed, again, in the operating etiquette of some amateur radio stations answering the CQ. I am not sure if they were calling and couldn't hear or what was going on. I don't think it is that hard to go by the numbers or not call over someone else who is being called. Even after being called out on what they were doing, they continued on without a care, knowing you could identify them by call sign. Of course, there were also the jokers who wanted to ruin it for everyone because they were either upset with their inability to get in, don't like contests or special events on their bands or something else, and would just cause interference in some way, like constantly humming, tuning their antenna or something else. Some of this made it especially hard for those like me, only running 100

watts on SSB. At least for this event, following the spots did help and staying patient and listening to the instructions paid off during a pileup. Surprisingly, I had the SSB sweep before digital. I also did the ARRL IARU-HF SSB which was definitely a lot better from the etiquette standpoint, and I beat my scores from previous years, which was really my goal. Considering band conditions the past few months, being up and down or non-existent, it went better than I thought and was a lot of fun. Speaking of band conditions, the other day I had some time and was doing FT8 mid-morning and things were going well; 15m, 17m and 20m seemed to be decent and open outside the US when all of a sudden everything went silent except for a few digital CQ's coming through. At first, I thought, OK, what did I do? I must have hit something, or my antenna has an issue. I started to look around and try different things with the same result. Searching the bands showed there was really no SSB traffic and only a few digital or none on each band. Luckily, I had Ham Clock running, showing live spots for my grid square every 15 minutes. Well, I saw the numbers drop from hundreds to single digits and the map clear out as well. Phew! It wasn't just me, but conditions, sunspots and space weather. This lasted about 45 minutes and then the bands picked up again.

Remember, the August meeting will be the Annual Picnic at South Central Park in North Ridgeville, Ohio. Check out the website for all the details and I hope to see you there.

73'

John W8LYO

Where's the Ohio Section News?

Tom and I hadn't received The Ohio Section News via email, so I contacted Tom Sly, WB8LCD, Ohio Section Manager. He said the ARRL email reflector for Division Directors and Section Managers has been down since The Hack and is not expected to be back up anytime soon. If you haven't found the Ohio Section News in your email inbox, this may be why. However, he sends an email announcement each week and asks everyone to forward to their lists. All issues are listed on the Ohio Section Website. https://arrl-ohio.org/news/index.html

Amateur Radio Testing Results From the July NOARSfest

We had two candidates, both of whom passed their tests. John Bauer now holds a Technician Class license and received call sign KF8BVF. Michael Herdmann, KF8BNF upgraded to General Class. Luckily, they finished their

tests and received the paperwork before the fire broke out. To keep testing results safe, we scooped up their documents and left the building. See the NOARSfest article in this newsletter for more information.

August 2024 Social Events

The Second Ham Radio Meet & Greet will be held **Sunday**, **August 4** from 1:00 to 4:00 in the **Cottonwood Picnic Shelter of the Cleveland Metroparks**.

Tuesday Lunch August 6 at noon at Golden Corral in Elyria. As always, all are welcome.

Weekend Lunch Saturday August 10 at 12:30, location to be determined.

Hybrid Fox Hunt Saturday, August 17. Bradley Woods, Westlake. 11 AM. All are welcome.

New Members

Ken Robinson, K8SCA of Cleveland; Yuri Sivitski, KF8BFM, of Cleveland; Art Moody, W8UTC of Elyria; Michael Herdmann, KF8BNF; John Gruber, KC8BRT of Oberlin; John Bauer, KF8BVF of Avon. Welcome to NOARS!

Congratulations on the Upgrades! Awesome!

Michael Herdmann, KF8BNF upgraded to a General Class license at the recent test session at NOARSfest.

license and is now K8ILY.

John Lopez, formerly KE8WHF, upgraded to Extra Class

Mark Hayden, formerly KG4SCK, upgraded to Extra and is now K4OG.

Exciting Hybrid Fox Hunt for August!

Fox Hunt organizers Bryan, N8OOF and Sara, KC8KSU are planning a Hybrid Fox Hunt for Saturday, August 17. It will include a walking fox hunt and driving fox hunt, and may involve members of other clubs. Of course, there will be an opportunity for those who like to relax

and watch the comings and goings of the hunters. There will be something for everyone. It sounds like a lot of fun! Stay tuned for details about where it will be and how it will work

Ham Radio Meet & Greet is This Sunday, August 4

There is still time to register for the Ham Radio Meet & Greet, which will be in the Cottonwood Picnic Area on Valley Parkway of the Cleveland Metroparks. It is south of Mastick Rd. To attend, one does not need to be a ham nor a member of any club. Bring family and friends!

There will be games for young and old. Games are totally voluntary. If it's anything like last year, there will be lots of good conversation, as well as tasty food.

To register, go to https://bit.ly/HamRadioMeet2024,

It will be a potluck, with the event coordinators providing main dishes.

or scan the QR code.

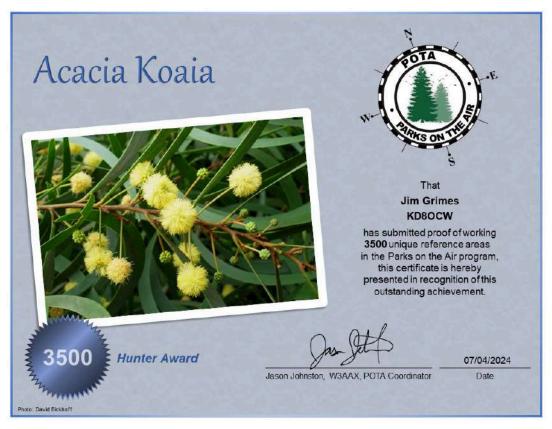


If your last name starts with A-F bring an appetizer; G-K bring a side dish; L-R bring drinks (no alcohol, please); S-Z bring dessert. Please bring enough for 8 servings.

Jim Grimes, KD8OCW Received a POTA Award

Jim received the award in recognition of his outstanding achievement of working 3500 unique reference areas in the Parks on the Air program. Jim says all the Parks were

worked via SSB and using approximately 90 watts. Congratulations, Jim!



NOARS August Tuesday Lunch

The lunch will be on Tuesday, August 6, at the same time, same place. Noon at Golden Corral in Elyria. Invite a

friend since the more, the merrier! Be there or be square.

NOARS August Weekend Lunch

Lunch will be Saturday, August 10 at 12:30 at a place to be determined. Details will be sent via email. As always,

one does not need to be a ham, nor a member of NOARS to attend, and friends and family are welcome.



July NOARSfest a Hot Time

In case you haven't heard, the fire alarms sounded during the hamfest, bringing the Elyria Fire Department. Everyone in the building was directed to leave, making this a memorable event. Besides the alarm, there were other exciting happenings. David Yost, KF8AXO of Green, OH, won a COMPACtenna 2m/70 cm antenna, donated by Dr Jack, N8NDL. Fred Heyse, N8AHS was the winner of the Ohio Section door prize – an ARRL end

fed half wave antenna kit. An anonymous benefactor donated a Baofang HT as a prize. He also donated the proceeds from his table, which were \$595, to offset the loss to the club occasioned by the fire alarm. The event even made it into the Ohio Section News. To read that article, go to https://arrl-ohio.org/wp/wp-content/uploads/2024/07/PS_07-22-2024.pdf.













August Birthdays

Ann Wadsworth, KA8ZEP Bill Riley, N8JET Bryan Torok, N8OOF Fran, Pawlikowski, KE8JON John Van Der Pyl, WH2U Marlin Lloyd, K8VST Stephen Kinford, N8WB Steve Kaplan, WA0DVY

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 15, 2024 Membership Meeting Attendance

In Person	Elaine, KC8FOS	Ken, K8SCA	Via Zoom
Andrew KE8WMS	Eric, KE8VZA	Marie, KF8ANS	Bill, N8JET
Ann, KA8ZEP	Glenn, KF8BEX	Paul, KE8WHG	Bob, W8NNC
Bill, K2WJS	Janice, K8MTR	Pete, KE8NQK	Chuck, K8CVM
Bryan, N8OOF	Jeany, KC3QND	Ric,h KE8YUP	Scott, KE8VOX
Carl, W8KRF	Jim, N8DST	Sara, KC8KSU	Tom, W8KYZ
Chris, KE8MMY	John, W8LYO	Tom, N8FDY	
Connie, K8CCS	Josh, KE8YUG	Michael, KF8BNFF	
Dan, W8AJF			

Heard on the Nets in July

Ann, KA8ZEP	Chris, KE8MMY	Gordon, AI8Y	Metro, W8MET
Avery, KE8ZKW	Connie, K8CCS	Janice, W8MTR	Michael, KF8BNF
Bill, N8JET	Dan, K8AGW	Jeany, KC3QND	Nick, KD8SLG
Bill, K2WJS	Dan, W8AJF	Jim, KD8OCW	Rich, KD8AJZ
Bill, N8WS	Dan, W2DLB	John, W8LYO	Rich, KE8YUP
Bryan, W8JMI	Dan, KC8MCA	Josh, KE8YUG	Sara, KC8KSU
Bryan, N8OOF	Eric, KF8BED	Ken, W8KH	Scott, KE8VOX
Carl, W8KRF	Eric, K8VZA	Leone, KB8VBR	Steve, KF8ANT
Chuck, WB4AIZ. Florida	Fred, N8AHS	Linn, KD8NGE	Tom, N8FDY
Chuck, KF8AYX	Gary, KF8ANR	Marie, KF8ANS	Tom, W8KYZ
Chuck, K8CVM	Gary, N8VFW	Mark, KC8FQV	

August, 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 2M Net 8 PM KE8VZA	2	3
4 Ham Radio Meet & Greet 1- 4 Cottonwood Picnic Area Cleve Met Prks	5	6 NOARS Lunch at Noon 10M Net 8 PM W8LYO	7 Food Group 7PM 2M KE8YUG	8 2M Net 8 PM W8KYZ	9	10 Weekend Lunch 12:30
11	12	13 10M Net 8 PM W8KYZ	14 Food Group 7PM 2M KC8FOS	15 2M Net 8 PM W8LYO	16	17 Hybrid Fox Hunt
18	19 NOARS Picnic 6-8 South Central Park North Ridgeville	20 10M Net 8 PM W8LYO	21 Food Group 7PM 2M Sara	22 2M Net 8 PM KC8FOS	23	24
25	26	27 10M Net 8 PM W8AJF	28 Food Group 7PM 2M KC8FOS	29 2M Net 8 PM KE8VZA	30	31

Hams Who Can

Jeany, KC3QND sent this recipe for corn relish, which she got from her mother, Twila.

Corn Relish

- 12-18 ears corn
- 4 small onions
- 1 small cabbage
- 2 sweet red peppers
- 2 tablespoons salt
- 4 cups sugar
- ½ cup flour
- 1 tablespoon mustard
- 1 tablespoon turmeric
- 4 cups vinegar

Chop onions, cabbage, and peppers. Sprinkle with the salt and set overnight.

Cook corn five minutes and add to the ingredients that sat overnight.



In a large pan, add the sugar, flour, mustard, and turmeric. Add a little vinegar to make a paste, then add the rest until thick.

Add vegetables and bring to a boil. Seal in jars.

Other hams out there preserve food by canning, freezing, or dehydrating. Preserving food is a very relevant skill this time of the year when the harvest has started, and processes and recipes are always welcome. Please send information about what you do to preserve food and any of your favorite recipes. We would like to publish them in future issues of the NOARS Log.



The Wadsworths and POTA in July

In July Ann, KA8ZEP and Dan, W8AJF activated two parks: Lake Milton and Killbuck Marsh Wildlife Area, operating FT8 and CW. They have activated 21 parks to date this year.













July Tuesday Lunch

Twenty-two people were at the Tuesday Lunch. Joining us for the first time were Jody, KE8GKO and Deedee Fedor from Medina. Welcome! Good food and company

– a lovely time. The August Tuesday Lunch will be on the 6th. Same place, same time. Golden Corral, Elyria at noon. Everyone is welcome.











Page 12









Page 13

July Weekend Lunch

Twelve people met at Two Bucks Avon on July 13 for fellowship and tasty food. Everyone is always welcome to both of the NOARS lunches. You don't have to be a

member of NOARS to attend. Thanks to tall Josh with long arms for capturing a photo of all who were there.



NOARS Membership Meeting Minutes July 15, 2024

Submitted by Connie, K8CCS

The meeting was held in person at North Olmsted Public Library, and via Zoom. It was called to order at 7:00 p.m. by club President John, W8LYO.

Total number of people in attendance: 29 (24 attended in person; 5 attended via Zoom).

Pledge of Allegiance.

Introductions and roll call of all in attendance.

Motion to accept the June meeting minutes, as published in the NOARS Log, was made Ann, KA8ZEP; seconded by Andrew, KE8WMS. Minutes accepted.

COMMITTEE REPORTS

<u>Treasurer</u> – Eric, KE8VZA

Deposits: \$30 – two new members. We received a \$150 donation in honor of Clark, N9PZD SK from Morgan McKenna.

Expenses: Windstream Internet - \$79.90; \$123.92 - our share of expenses for Field Day.

Motion to accept the treasurer report was made by Chris, KE8MMY; seconded by Paul, KE8WHG. Treasurer report was accepted.

Membership – Carl, W8KRF – We are currently at 128 members.

Website - Carl, W8KRF - The website is up to date.

Repeater - Carl, W8KRF - No change.

<u>Club Property</u> – Carl, W8KRF – No change in club property.

<u>Hamfest</u> – Carl, W8KRF – A discussion was held to obtain some additional door prizes. Help is still needed in the parking lot flea market area. Josh, KE8YUG and Marie, KF8ANS will be handling the talk-in station. We have three people handling the 50/50 raffle.

There will be a self-serve table to put any items you want to get rid of. We usually make some money off of that table.

Tom, W8KYZ -The rent for the room at LCCC was reduced to \$492 from \$984 for this fest only, which should include the VE room rental. Next year it will be \$984. The charge is for set-up and tear-down, which is a good deal for all that is included.

<u>Programs</u> – Paul, KE8WHG – September will be Cory Gibson, W3JL - NVIS. October will be Michael Murphy, KI8R - Acom Amplifiers. And November will be David Vest, K8DV - Getting the Most out of Your HF Radio

Social Committee – Elaine, KC8FOS

Antenna Day was on July 14. There were 17 people in attendance. Frank, KC8VKA showed us how to build a dipole antenna from things you find around your house.

The next Fox Hunt will be July 27 at Bradley Woods from 11:00 am to 1:00 pm. Bryan N8OOF and Sara, KC8KSU are the fox hunt organizers. The actual hunt will start at 11:30 and will go for 1 ½ hours.

NOARS Tuesday Lunch is August 6 at noon, Golden Corral in Elyria. Everyone is welcome.

NOARS Weekend Lunch is August 10 at 12:30, location to be determined.

Ham Radio Meet and Greet is August 4, 1:00 to 4:00 p.m. at the Cottonwood Picnic Area in the Cleveland Metroparks. Each ham group is putting together a basket for a raffle. If you would like to donate to the basket, contact Elaine, KC8FOS.

NOARS Picnic is August 19 at 5:00 p.m. at South Central Park in North Ridgeville. There will not be a meeting at the North Olmsted library. This will be a potluck picnic. Bring enough for 8-10 people.

Continued from page 15

<u>VE Team</u> – Elaine, KC8FOS - Testing will take place at the NOARS Summer Hamfest. Test starts at 9:00 am. We currently have three registered for testing.

<u>Nets</u> – Jeany, KC3QND – Nets are doing well. Dan, W8AJF had approximately 17 people on the 10 meter net, including one from California.

<u>Newsletter</u> – Tom, N8FDY - The deadline for articles, photos, etc. is July 26th. Please, email pictures and ads. Please, do not text pictures.

Sunshine – Tom, W8KYZ – Nothing to report.

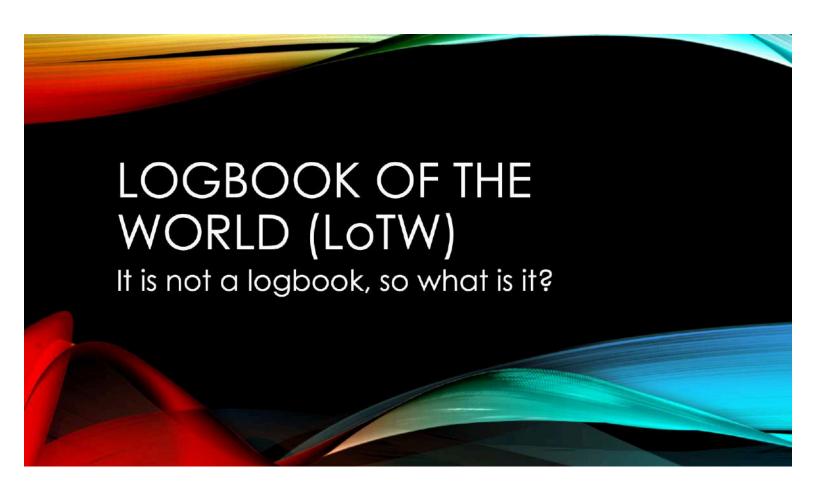
Old Business – none

New Business - none

Motion to Adjourn the meeting was made by Pete, KE8NQK; seconded by Andrew, KE8WMS.

Meeting Adjourned at 7:30 p.m.

Presentation – Tom, N8FDY – Logbook of the World.



Download PDF: https://bit.ly/LOTW-N8FDY-PDF



THE BEST GEAR....RIGHT HERE!

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





Visit the Showroom Today!

- Stop by and See Our Scratch & Dent and Open Box Rack
- Check Out the Latest Radios
- New Gear Added Regularly
- Fast and Friendly Service

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

Ad Submission Guidelines

Electronic ads may be emailed to <u>noarslog@noars.net</u>. Printed ads may be sent to NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44Ø12. 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 Tom Porter, W8KYZ

Icom HM-14 Electret Condenser microphone 8 pin. \$25.00

23-foot 14-gauge 110V AC cord wind-up storage. Built in 10 amp circuit breaker. \$15.00

75-foot Craftsman 3-prong heavy duty 14/3 extension cord. \$40.00

Computer mic with hookup cord. \$4.00

Yaesu or Icom transceiver mobile or fixed station mounting bracket. \$10.00

American flag holder with adjustable bracket for home. NEW. \$5.00

5-gallon gas can with spout. \$10.00

Acco 3-hold paper punch. \$4.00

Regency model P109 13.8V 4A regulated power supply. \$10.00

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

of Electrical Noise by "Radio Today" Don Pinnock, G3HVA. 64 pages. \$15.00

ARRL Vertical Antenna Classics 120 pages. Edited by Robert Schetgen, KU7G. 1st edition. \$5.00

ARRL Handbook, 2010, including Handbook CD. New. \$15.00

ARRL Antenna Compendium, Volume 2. 210 pages. \$5.00

ARRL Pocket Reference. New. 864 pages. \$5.00

73 Dipole and Long Wire Antennas. Edward Noll, W3FQJ. 160 pages. \$5.00

ARRL Antenna Anthology. Reprint of QST Articles – Theory Presentations. 151 pages \$5.00

21 Things to do after you get your radio license. Dan Romanchik, KB6NU. 73 pages. \$5.00

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

For Sale by Denny, WB8WAA

Standard dual band C528 HT with charger and belt clip. Needs a new battery. May need some work (electrolytic capacitors replacement). Looking for a new home and some TLC. High reviews even now. \$30 OBO.

Text Denny at 216-409-0673





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: Eric, KE8VZA

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

Others

Net Manager: Jeany, KC3QND

Club Trustee for K8KRG: John, W8LYO

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Volunteer Examiners: Elaine, KC8FOS; Glenn, AF8C; Ron, N8EGZ; John, W8LYO; Dave, KD8MXE;

Bob, W8OOT; Bill, N8JET; Bill, K2WJS; Ed,

KA0MRD; Scott, KE8VOX

Committees

Parliamentary Committee: Tom, N8FDY Repeaters: Carl, W8KRF; John, W8LYO;

Pete, KE8QNK; Bryan N8OOF

Field Day: Carl, W8KRF Hamfest: Carl, W8KRF Sunshine: Tom, W8KYZ Membership: Carl, W8KRF

Club Property Committee: Carl, W8KRF Programs Committee: Paul, KE8WHG Chair;

Pete, KE8NQK; Jeany KC3QND; Elaine, KC8FOS

Social Committee: Elaine, KC8FOS;

Linda, KM4GSF; Sara, KC8KSU; Eric, KE8VZA; Andrew, KE8WMS; Will, KE8WHM; Ann, KA8ZEP

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, 20246 Drake Rd., Strongsville, OH 44149.



Meetings

The third Monday of each month at the North Olmsted 7 PM. All are welcome.

Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 Library, 27403 Lorain Rd. at MHz, Wednesday nights at 7 pm on 146.700 MHz, and for more info or to register Thursday nights at 8 pm. on 146,700 MHz. All licensed welcome. amateurs are welcome

VE Testing

Contact Elaine, KC8FOS at ewilkinson1951@gmail. com, or call 216-337-4235 for a test. Walk-ins

Net Control Stations

Jeany KC3QND Eric, KE8VZA Sara, KC8KSU Tom, W8KYZ Dan, W8AJF Elaine, KC8FOS John, W8LYO Josh, KE8YUG