



# NOARS Log



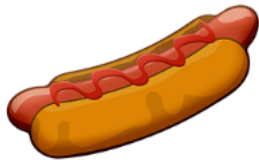
August 2021

## K8KRG

Volume 57, Issue 8

### Table of Contents

|                              |    |
|------------------------------|----|
| President's Message          | 1  |
| News                         | 2  |
| Social Event News            | 3  |
| Birthdays, Heard on the Nets | 4  |
| Calendar of Events           | 5  |
| NOARSfest a Satisfying Event | 6  |
| July NOARS Lunch             | 7  |
| Membership Meeting Minutes   | 9  |
| For Sale                     | 10 |
| NOARS Information            | 15 |



## Prez Sez

I hope that all of you who attended the NOARSfest found what you needed, visited with friends, and had a fun time. Despite the weather and a repeater failure, the turnout was good. I want to thank Elaine, KC8FOS and Bill, K2WJS for an excellent job at the front table. Bill was responsible for signing up eight new members. I might have a committee position for him. Also, I am very grateful for the help offered by John W8LYO, Jim KE8SAF, and Pete KE8NQK. Although they did not get to perform the jobs they signed up for due to the rain, they assisted with the vendors and stood by to help in any way they could. Thank you! Likewise, thanks to Ann, KA8ZEP and Dan, W8AJF for running the 50/50 raffle. As usual, Tom, W8KYZ took on MC duties

despite being under the weather, no pun intended. Great job, Tom. Thank you so much.

Some of you might be wondering what has happened to the 146.700 repeater. The '90s era CAT-2000B controller finally took a bow and exited stage right. It was not recognizing the COS signal, but was keying up for the hourly chimes and time announcement. Instead of troubleshooting and possibly repairing it, I thought it was time to update the controller. At the membership meeting on Monday, July 19, I requested that there be a vote on purchasing a new controller, specifically the ARCOM RC-210. I made a motion to spend no more than \$650 on replacing the controller. Everyone in attendance approved the expenditure, and

**Continues on page 2**

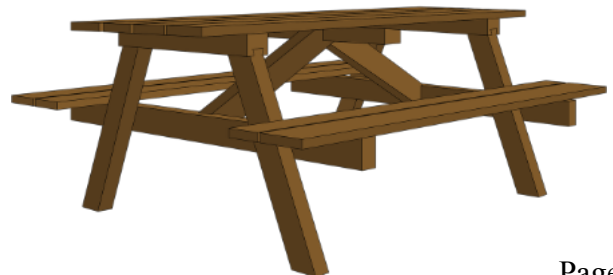
## Annual Picnic

**August 16, 6:00 PM Duck Pond on Nickle Plate Diagonal Road**

There will be no meeting in August. Come instead to the Annual Picnic on the 16th at the Duck Pond on Nickle Plate Diagonal Road in the Carlisle Reservation of Lorain Metroparks, at 6:00 PM. The club will provide burgers and brats with all the accoutrements, corn, drinks, and eating implements. Please bring a dish to share.

## Nets

NOARS nets are Tuesday nights at 8 PM on 28.370 MHz, Wednesday Night 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

the RC-210 was ordered. I have been spending much time preparing for its arrival by reading all the manuals. Ken, the owner of ARCOM, included a free copy of his \$30 RCF Programmer, which I downloaded and activated. I have been learning how to program the RC-210, which is similar to programming the CAT controller. I am attempting to mimic the CAT functions as much as possible. I am at a point in that endeavor where it might be best to wait until the hardware arrives, load the programming data I have so far, and see what happens. I have all the wiring of the peripheral DB9 connectors completed. I have tested EchoLink, and it seems to be

operational, but I won't know for sure until it is interfaced with the controller and the ports linked. I will try my best to get everything on the air as quickly as possible, but I want to especially make sure audio levels and quality are better than with the CAT.

I look forward to seeing you all in person again at the annual picnic on August 16.

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

73,

Carl W8KRF

## Welcome to New Members

Christopher Durkin, KE8MMY, from Amherst

Corey Brooks, KE8PQW, from Avon Lake

Mark Bailey, N8OHA, from North Ridgeville

Dan Bender, KE8OWK, from Sandusky

James Shuster, KB8FST, from Elyria

Fred Niehaus, N8CPI, Cuyahoga Falls

Earl Jolley, W8LYY, from Elyria

Stephen Kinford, N8WB, from Wadsworth.

## QSO Today Virtual Ham Expo

### Submitted by Tom, W8KYZ

Coming August 14 and 15th and then on demand for 30 days. At the EXPO you can virtually watch almost 100 internationally known speakers covering 18 different topics, including antennas, contesting, emergency

communications, HF digital modes, power amplifiers, propagation, radio astronomy and many more areas. Early Bird Tickets are \$10.00 and then \$12.50 starting August 8th. Register at [www.qsotodayhamexpo.com](http://www.qsotodayhamexpo.com). Tickets include entry for the live 2-day period as well as the 30-day on-demand period. Check it out.



# Upcoming June Social Events

## NOARS Lunch

NOARS Lunch **Tuesday, August 3 at noon** at Kim's Family Restaurant at 37863 Center Ridge Road in North Ridgeville. All are welcome.

## Fox Hunts

**Saturday August 21 at 11:00 AM.**  
Stay tuned for location.

## Great Lakes Division Hamfests in August

### **08/07/2021 - 2021 Columbus Hamfest**

Location: Grove City, OH  
Type: ARRL Hamfest  
Sponsor: Aladdin Shrine Audio Unit  
Website: <http://columbushamfest.com>

### **08/22/2021 - Athens Trunkfest**

Location: Athens, OH  
Type: ARRL Hamfest  
Sponsor: Athens County Amateur Radio Association  
Website: <http://ac-ara.org/>

### **08/07/2021 - MOVARC HAMFEST**

Location: Bidwell, OH  
Type: ARRL Hamfest  
Sponsor: Mid-Ohio Valley Amateur Radio Club

### **08/28/2021 - Cincinnati Hamfest<sup>SM</sup>**

Location: Owensville, OH  
Type: ARRL Hamfest  
Sponsor: Milford ARC  
Website: <http://CincinnatiHamfest.org>

### **08/15/2021 - WARA Tailgate Swap Meet**

Location: Warren, OH  
Type: ARRL Hamfest  
Sponsor: Warren Amateur Radio Association  
Website: <http://w8vtd.com>

### **08/29/2021 - FREE Seaway Trunk Swap**

Location: Port Huron, MI  
Type: ARRL Hamfest  
Sponsor: Eastern Michigan Amateur Radio Club

### **08/21/2021 - GMARC August Trunk Swap**

Location: Shelby Township, MI  
Type: ARRL Hamfest  
Sponsor: GM Amateur Radio Club  
Website: <http://www.gmarc.org>



# August Birthdays

Ann Wadsworth, KA8ZEP

Stephen Kinford, N8WB

Bryan Torok, N8OOF

Al Moriarty, N8CX

Frank Pawlikowski, KE8JON

Marlin Lloyd, K8SVT

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 19, 2021 Meeting Attendance

Dan, W8AJF

Tom, N8FDY

Elaine, KC8FOS

Chris, KD2HCE

Bob, WA8JBT

Joe, KE8KAT

Carl, W8KRF

Tom, W8KYZ

John, W8LYO

Earl, W8LYY

Jack, N8NDL

Bob, W8NNC

Pete, KE8NQK

Jim, KD8OCW

Tom, W1PDI

Jeany, KC3QND

Jim, KE8SAF

Tom, K1TRB

Stephen, N8WB

Bill, K2WJS

Bill, N8WS

Ann, KA8ZEP

Patty Lupica

## Heard on the Nets in July

Jeff, K8ACF

Frank, WD8AEK

Dave, W1AFC

Dan, K8AGW

Dan, W8AJF

Fred, N8AHS

Rich, WA8CAC

Chuck, K8CVM

Tom, N8FDY

WA8ERA, Lee

Elaine, KC8FOS

Chris, KD2HCE

Harry, N4HWH

Mike, KE8JFU

Bryan, W8JMI

Chet, K8KIZ

Carl, W8KRF

Chuck, KB8LJ

Tom, W8KYZ

John, W8LYO

Earl, W8LYY

Dave, KD8MXE

Mike, W8NIN

Jim, W8NRX

Pete, KE8NQK

Ron, N8OD

John, KO4OEY

Bryan, N8OOF

Dennis, KE8OQA

Dave, KY8OSU

Dan, KE8OWK

Dave, WV8P

Alan, KF8PM

Jeany, KC3QND

Greg, N8QNT

Chris, KE8RHB

Jim, KE8SAF

Dan, KE8SJF

Tom, KD8TO

Tom, K1TRB

Bill, N8UPZ

Bill, K2WJS

Tom, W8WLI

Bill, N8WS

Leon, KB8WUA

Jack, KB3WUM

George, WA8YVF

Ann, KA8ZEP

Jeff, KB8ZUN

# August, 2021

| Sunday    | Monday                    | Tuesday   | Wednesday  | Thursday  | Friday    | Saturday                          |
|-----------|---------------------------|---|--|---|-----------|-----------------------------------|
| <b>1</b>  | <b>2</b>                  | <b>3</b><br>NOARS Lunch<br>at Noon<br>10M Net 8 PM -<br>NCS Dave,<br>KY8OSU | <b>4</b><br>Food Group<br>7PM 2M NCS<br>Pete, KE8NQK       | <b>5</b><br>2M Net 8 PM<br>NCS Dave,<br>KY8OSU    | <b>6</b>  | <b>7</b>                          |
| <b>8</b>  | <b>9</b>                  | <b>10</b><br>10M Net 8 PM -<br>NCS Tom,<br>W8KYZ                            | <b>11</b><br>Food Group<br>7PM 2M NCS<br>Elaine,<br>KC8FOS | <b>12</b><br>2M Net 8 PM<br>NCS Tom,<br>W8KYZ     | <b>13</b> | <b>14</b>                         |
| <b>15</b> | <b>16</b><br>NOARS Picnic | <b>17</b><br>10M Net 8 PM -<br>NCS Elaine,<br>KC8FOS                        | <b>18</b><br>Food Group<br>7PM 2M NCS<br>Jeany,<br>KC3QND  | <b>19</b><br>2M Net 8 PM<br>NCS Carl,<br>W8KRF    | <b>20</b> | <b>21</b><br>Fox Hunt<br>Site TBA |
| <b>22</b> | <b>23</b>                 | <b>24</b><br>10M Net 8 PM -<br>NCS Dan,<br>W8AJF                            | <b>25</b><br>Food Group<br>7PM 2M NCS<br>Pete, KE8NQK      | <b>26</b><br>2M Net 8 PM<br>NCS Elaine,<br>KC8FOS | <b>27</b> | <b>28</b>                         |
| <b>29</b> | <b>30</b>                 | <b>31</b><br>10M Net 8 PM -<br>NCS Elaine,<br>KC8FOS                        |  |   |           |                                   |



# NOARSfest a Satisfying Event

One hundred fifty-five attendees had a good time reconnecting with old friends, perusing, and buying items for sale. For more information, see the Prez Sez at the

beginning of this issue. For more photos, go to the NOARS Website at [noars.net](http://noars.net), click Photo Gallery, then NOARSfest.





# July NOARS Lunch

There was a good turnout for the July NOARS Lunch, with sixteen people attending. We met at Kim's Family Restaurant in North Ridgeville. All are welcome to the

monthly NOARS Lunches, held every first Tuesday of each month, at noon. Location may vary.



Continued on page 8



Continued from page 7





# July 19, 2021 NOARS Meeting Minutes

**Submitted by Elaine Wilkinson, KC8FOS**

The meeting was called to order at 7:00 PM by the club President, Carl, W8KRF. Twenty-three members and guests were in attendance.

Carl, W8KRF made a motion to suspend reading minutes of the January 2019 meeting minutes, as they are published in the newsletter. Tom, K1TRB seconded the motion. The motion passed.

**Treasurer's Report** - Tom, W8KYZ. There is a large balance this month, due to the NOARSfest. There are also large bills from the fest to be paid. The monthly bill from Windstream was paid. A projected profit from NOARSfest was given. Actual profit will be announced at next month's meeting.

## **Committee Reports**

**Parliamentarian** - Tom, N8FDY. No report.

**Club Property** - Tom, W1PDI. Carl advised Tom that he has items from the NOARSfest, such as banners and signs, and a loop antenna, to return to Tom. Anyone borrowing club property needs to go through Tom, W1PDI.

**Repeaters** - Carl, W8KRF. Carl discussed the need for a new repeater controller, an ARCOM RC210 and incidentals to install it. Carl made a motion that the club allot \$650.00 for the repeater controller and accessories, seconded by Dan, W8AJF. The motion passed. Carl advised that when he makes a trip to the repeater, he will show it to anyone who wants to see it. Just let him know.

**Website** - Carl. The website is going well. He needs to keep it updated with meeting information. He asked if anyone had trouble logging into the site. No one at the meeting had.

**Membership** – We have eight new members and one renewal, bringing our current membership to ninety-nine members.

**Field Day** – Al, N8CX not present. Field Day totals will be announced later.

**Social Committee** - Elaine, KC8FOS. The next fox hunt will be Saturday, July 31 at 11:00 AM at the South Central Park in North Ridgeville. The August NOARS Lunch will be Tuesday, August 3 at Kim's Family Restaurant in North

Ridgeville, at noon. The Social Committee would appreciate suggestions for a buffet at which to have the lunches. The Annual NOARS Picnic will be Monday, August 16 at the Duck Pond on Nickle Plate Road. NOARS will provide meats, buns, and corn on the cob. Picnic-goers bring a dish to share.

**Programs Committee** – Elaine. Welcome to Pete, KE8NQK and Jeany, KC3QND, newest members of the Program Committee. Upcoming programs are: August – no program. Come to the Annual Picnic; September – Antenna Analyzers. The program will be at the North Ridgeville Library at 6:00; October – Uninterruptible Power Systems, presented by Bob, W8NNC; November – to be determined; December – no program. Come to the Annual Holiday Banquet.

**Hamfest** - Carl, W8KRF. The Winter Hamfest will be the second Sunday in March, March 13.

**Sunshine** - Tom, W8KRZ. Russ, WB8UPA is well. Bob, W8RET no longer needs dialysis as often and is extremely happy about that.

**Nets** - Elaine, KC8FOS. Welcome to Pete, KE8NQK and Jeany, KC3QND as Net Control Stations on the Food Group. The nets are going well. Tom, W8KYZ advised that with the improving conditions on 10m we may interfere with a western Pennsylvania group, as was the case last week. He suggested that if that continues, we move the net from 28.370 to 28.365 MHz.

**VE** - Tom, W8KYZ. The Red Cross in Elyria may be open for testing in Elyria. Jim, KD8OCW said the national Red Cross is controlling the restrictions, not the local chapters.

**News Letter** - Tom, N8FDY. Deadline for submissions for the August edition is July 27. Articles are always welcome, as are personal ads for amateur radio items for sale. Tom, W8KYZ complimented Tom on the photos included in the Log of NOARS events.

A motion was made to adjourn the meeting by Chris, KD2HCE, seconded by Pete, KE8NQK. The motion passed. The meeting was adjourned at 7:31 PM.

After the meeting, a program about the FCC rules governing ham radio and RF safety was presented.

# 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 9 am – 8 pm, Monday-Saturday and 9 am – 7 pm, Sunday.
- Place your order at [DXEngineering.com](http://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](mailto:DXEngineering@DXEngineering.com)**

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



**DX ENGINEERING®**

## For Sale by Tom, W8KYZ

Icom SP-20 speaker with filters. \$135

Bose Companion Speakers. Manual and power source. \$35.00

CDE Antenna Control Box. CG-45II. \$25.00

2-position coax switch. \$15.00

Archer universal car DC adapter. 270-1561A. \$5.00

Uniden Pro-538W 40-channel +weather alert + public address. Manual and mobile mount are included. \$30.00

Life Gear 6-in-1 Personal Safety Device. Includes flashlight, FM radio and compass. New. \$20.00

Amprobe AM-12 digital industrial multimeter with case and probes. \$20.00

Weller 8200 dual-heat soldering gun. \$10.00

Kenwood TR-7625 2 meter mobile transceiver. Receives but does not transmit. Mic. Maintenance and operating manual. Power cable. \$35.00

**Contact Tom, W8KYZ. 440-320-5523 or [tporter161@oh.rr.com](mailto:tporter161@oh.rr.com).**

# For Sale Roger's AB8IF SK Ham Equipment

## All proceeds donated to NOARS by Anita Fell

Item C-1 MFJ-969 Tuner, HF+6M, 300W, Roller Inductor \$75

Item C-3 HP 3200B VHF Oscillator, 10 to 500 MHz, from 10 MHz to 35 MHz works well \$25.00

Item C-6 Fluke 1900A Frequency Counter \$30.00

Item C-12 LRL Lectronic LRL-550 Solid State / Klystron Microwave Training System (X-Band), power supply is missing \$25.00

Item H-9 Home Brew 40M FT8 Transceiver with documentation, RX work, did not test TX \$50.00



Contact: Tom, N8FDY, 216.409.1886, [thomasfwilkinson@gmail.com](mailto:thomasfwilkinson@gmail.com)

## Ad Submission Guidelines

Electronic ads may be emailed to [noarslog@noars.net](mailto: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](mailto: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.



# Equipment for Sale by George Ingmand, WA8YVF

Cushcraft A3S 20, 15, 10 meter beam - needs work. \$25.00.

Ham IV rotor and controller. \$50.00.

Pyramid Gold Series 12 v @ 30 amp adjustable power supply. \$25.00.

1967 to 1987 Callbook on DVD. \$5.00.

Acer 15" LCD monitor. \$20.00.

Boxes of QST, CQ, 73 and various ARRL Handbooks and other publications 2000 to 2009. Free to newbie.

West Mountain Radio Original RIGblaster, not USB. \$10.00.

Yaesu FT-212RH 2meter FM mobile 5-45 watts. In good condition. \$40.00.

West Mountain Radio PWRgate PG40. \$20.00.

W1ZR 6 meter add-on kit for tri-band beams. \$20.00.

**Contact George at 440 420 1118 or [gingmand@gmail.com](mailto:gingmand@gmail.com)**

## For Sale from the Estate of K8IC, SK

Icom AH-4 automatic antenna tuner. \$175.00

Dentron MLA-2500 legal limit amplifier. \$650.00

Kenwood MC-60 cardioid dynamic microphone. New. \$75.00

Kenwood MC-50 cardioid dynamic microphone. Used. \$45.00

Kenwood SMC-30 speaker microphone for TR-2600A. \$10.00

Icom HM-75A speaker microphone for IC-U82. \$10.00

Astron RS-35M 25A continuous duty/35A surge. Dual meters. \$150.00

Icom PS-125 25A continuous duty./30A surge switching supply. \$125.00

MFJ-842 VHF/UHF SWR/wattmeter. 140-525MHz. \$ 45.00

Bird 43 Wattmeter with 5 Truline elements. \$195.00

Wouxun KG-UVD1P 2/ 220. Manual, charger, extra battery, programming disc. \$45.00

Wouxun KG-UV2D 2/440. Manual, charger, mobile batt, eliminator. \$60.00

Baofeng UV5R 2/440. Charger, speaker, microphone, programming disc, 3 extra batteries. \$30.00

Mirage BD-35 2/440 linear amplifier. \$40.00

Heil HB-1 articulated microphone boom, Heil microphone, FS-3 foot-switch. \$110.00

**Contact Tom , W8KY Z. 440-320-5523 or [tporter161@oh.rr](mailto:tporter161@oh.rr)**

# Receivers for sale by Tom Berger, K1TRB

Two receivers from the estate of Bill, AC8FD.

**Collins R391 receiver:** The R390 is the best vacuum tube receiver ever made. The R391 adds motorized autotune (not tested). The receiver hears a weak generator signal on 80m and 40m. The internal 1MHz calibrator can be heard at all MHz frequencies. No further testing was done. A separate steel box contains two complete documentation sets, replacement vacuum tubes, and various cords for the receiver. The special power cord is included. This receiver is ready to put into service.

On March 10 one of these sold for \$2025 on eBay.

**Asking \$1200.**



**Drake R8 Receiver:** Official SWL Channel puts this in the top 10 receivers he wants to own. It includes the matching speaker. This all solid state radio is easy to use and full of features. It competes easily with more modern receivers. The receiver hears a weak generator signal on 80m and 40m. Other random frequencies were checked over the range and they all worked. No further testing was done. The receiver is ready to put into service.



On eBay recent sales (without the speaker) have gone for \$450 or more.

**Asking \$400.**

**Contact Tom Berger, K1TRB at [trberger@colby.edu](mailto:trberger@colby.edu).**

If NOARS meets again together, I can bring a receiver to the meeting (or better yet, especially for the R391 you

can pick the receiver up at Kendal at Oberlin).

# 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: 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

## 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  
Programs Committee: Elaine, KC8FOS;  
Bob, W8NNC; Dave, KY8OSU; Pete, KE8NQK;  
Jeany KC3QND  
Social Committee: Elaine, KC8FOS; Dave, KY8OSU;  
Ann, KA8ZEP  
Public Relations Committee: Dave, KY8OSU;  
Elaine, KC8FOS

## 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](http://www.noars.net). Make checks payable to NOARS and mail them to: NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44012.



## Meetings

During the Covid-19 pandemic, in-person meetings have been cancelled. They will resume as soon as it is safe to once again meet in large groups.

## 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

Due to COVID-19, there will be no VE testing until further notice.

## Net Control Stations

Elaine, KC8FOS  
Carl, W8KRF  
Tom, W8KYZ  
Dave, KY8OSU  
Dan, W8AJF  
Pete, KE8NQK;  
Jeany KC3QND