



# NOARS Log



February 2019

**K8KRG**

Volume 55, Issue 2

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## Prez Sez

The New Year is off with a bang. Our first meeting was a great success and we not only completed some very important business but experienced a fantastic and informative impromptu program by Jack Nilsson, N8NDL. I hope we can someday revisit that subject and have Jack present another program. Unfortunately, Tim Duffy, K3LR, had to postpone his presentation due to weather conditions, but he will visit us in the future. I personally look forward to that.

Thank you to all who braved the cold and snow to attend our meeting and pass our 2019 budget. Elaine, KC8FOS, also presented a brief synopsis of our accomplishments during 2018. It is so easy to get tied up in what we could have or should have done so it was refreshing and rejuvenating to hear what we have done this past year. For a small group, we have a lot for which we should be proud.

Our next major event for 2019 will be the Winter Hamfest on March 3, 2019. As the budget indicated, we depend on the success of our two annual hamfests

to keep the coffers reasonably full so we can continue to provide the membership with fun filled activities and have a reserve for any unexpected expenses. I am handling the table reservations so please give me a call at 216-256-9624 or email to [winterhamfest@noars.net](mailto:winterhamfest@noars.net) if you would like to have a table or tables at the hamfest. Also, if you have any items laying around your shack, basement, or garage that might be of value to someone else, please consider donating them to our self-serve table at the hamfest. One man's unwanted junk could be another man's treasure and it will give us some extra monies.

So, until I see you at our February membership meeting on Monday, February 18, have a great month with lots of DX. At our February meeting, Tom Wilkinson, N8FDY, will be telling us all about QRZ.com and all that website has to offer to a ham operator.

73,

Carl W8KRF

## February Meeting

**Monday, February 18, 2019**

QRZ. Why Bother?

Tom, N8FDY, will tell you about this online call sign database, from what it is to how to load a photograph, and more.

## 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.

# Vice President's Message

Another year has begun and we all need to be planning and preparing for upgrades to our shacks, go-boxes, and Field Day equipment. If you don't, you may feel you are not properly prepared to tackle all the contests and other contacts to be made. Make sure all attend Winterfest, where lots of good equipment and good conversation are to be had. You can also get what you need for your shack.

Try out the new Food Group with Elaine, KC8FOS, and Dave, KY8OSU, on 146.700, premiering Wednesday, February 6 @7:00PM. It should be interesting and magically delicious.

Also, thanks to everyone for making last year one where things improved and got the club headed in the right direction. We all need to work together to keep the club moving in the right direction. Go Team!!!

## 1909 Radio Amateur in Ohio...

*The following articles, the original and the update, were written and published by Glenn Williams, AF8C, in the West Park Radiops Log, Issues 1 and 2. Glenn is also active in the Greater Cleveland Genealogical Society.*

1909 RADIO AMATEUR IN OHIO... I found this information one day. You can check it out at <https://earlyradiohistory.us/1909wr2.htm> > .

Geo. Burrell, Avon, Ohio, G.B.A. 125 ½ "

NAME AND ADDRESS OF OWNER. Geo. Burrell

CALL LETTER G.B.A.

APPROXIMATE WAVE LENGTH IN METERS 125 meters

SPARK LENGTH OF INDUCTION COIL. 1/2 "

George Burrell, living in Avon, Ohio, is listed in 1909 as the only new radio amateur in the state of Ohio in the May 1909 issue of Modern Electrics. That data was from a registry of the "Wireless Association of America". The magazine published an annual BLUE BOOK (cost \$0.25) that might have listed other hams in Ohio and I haven't found that document (yet).

Being involved in genealogy, I know some experts who helped me figure out where he likely lived. We located old maps of Avon, OH, from the 1800's and early 1900's, and other data. Seventeen year old George, his brother,

and his mother, lived in (rented?) a house on what is now Detroit Road in downtown Avon. With searches of various databases we learned that approximately seven years later a George of that name was married, and lived in Elyria, with his brother there also. Since that point in time was just before WW I, we suspect George might have been involved in the war and we could not find any later information on him.

1909 RADIO AMATEURS IN OHIO UPDATE... I found more information in the 1909 Wireless Blue Book in the list of amateur radio operators.

< [https://archive.org/details/First\\_Annual\\_Official\\_Wireless\\_Blue\\_Book-1909/page/n13](https://archive.org/details/First_Annual_Official_Wireless_Blue_Book-1909/page/n13) > .

| Name                      | City | Call   | Ant. Wire  | Coil |
|---------------------------|------|--------|------------|------|
| Geo. Burrell, Avon, Ohio, |      | G.B.A. | 125 meters | ½    |

George Burrell, living in Avon, Ohio, was listed in a 1909 update as one of two radio amateurs. As stated in our Issue #1, he lived on what is today Detroit Road, east of Route 611, in Avon, Ohio. In the new URL above you can find another radio amateur in Ohio in 1909., and he may be the first in the state.

|              |                  |  |            |       |
|--------------|------------------|--|------------|-------|
| J. B. Hyatt, | Mt. Vernon, Ohio |  | 400 meters | 2 in. |
|--------------|------------------|--|------------|-------|

## Upcoming Ohio Section Hamfests

### 02/17/2019 | InterCity ARC Hamfest

Location: Mansfield, OH

Type: ARRL Hamfest

Sponsor: InterCity Amateur Radio Club

Website: <http://www.iarc.club>

### 03/03/2019 | WINTER HAMFEST

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

Website: <https://www.noars.net/winter-hamfest>

# New General Class Exam

By Tom Porter, W8KYZ

On July 1, 2019, a new General Class exam will take effect. Current ARRL study booklets for General Class are only valid until June 30, 2019. Exams are given on

the third Sunday of each month at 12:50pm, American Red Cross, Elyria, Ohio. 2019 ARRL VEC Examination fees will remain at \$15.00.

## Upcoming Social Events

### February

#### NOARS Monthly Meal

**Tuesday, February 5 at noon.** Golden Corral in Elyria on West River Road.

### March

#### NOARS Monthly Meal

**Tuesday, March 5 at noon.** Golden Corral in Elyria on West River Road.

## Special Invitation from Portage County Amateur Radio Service

Carole Perry, WG2MGP, will be the guest speaker at the March 11 meeting of PCARS. Carole is a recognized leader in involving young people in amateur radio. She taught Introduction to Amateur Radio to middle school aged students in the New York City Schools. She will talk about programs to reach out to kids and schools. Her

area of expertise is late middle school. All are welcome. Meetings start at 7 PM. Meetings are at a full-service restaurant, so many people arrive early (around 6pm) for dinner and conversation before the meeting. Meetings are held at American Legion Post 496, 1945 Mogadore Rd. Kent, OH 44240.

## New On-Air Conversation!

As Dave, KY8OSU, mentioned in his Vice President's Message, there will be a new opportunity for on-air conversation, called the Food Group. Do you like to eat or cook delicious food, or maybe both? Do you like to go to restaurants and try new cuisines? If so, then the Food Group is for you! Join this casual conversation

every Wednesday, beginning February 6, on 146.700 at 7 PM. We may start talking about food, but who knows where the conversation will take us? Conversation Facilitators will be Dave, KY8OSU and Elaine, KC8FOS. Everyone is welcome.

## Newsletter Submissions

Email submissions for the Log to [noarslog@noars.net](mailto: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.

# February Birthdays - Happy birthday!

Charlie, K8AGV  
William, KE8DIF  
Baji, K8IIT  
Phillip, KE8INZ  
Dave, KY8OSU  
Dave, WV8P

Patrick, K8PJS  
Dave, KD8TJD  
Richard, KC8VFE  
Bill, K2WJS

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!



## January 2019 Meeting Attendance

Dave, W1AFC  
Dan, W8AJF  
Joe, W8DYZ  
Bryan, KC8DZJ  
Tom, N8FDY

Elaine, KC8FOS  
Russ, KE8GNX  
Chris, KD2HCE  
Harold, K8HRD  
Chet, K8KIZ

Carl, W8KRF  
Tom, W8KYZ  
Tom, WB8LCD  
Robert, KE8LDM  
Jack, N8NDL

Bob, W8NNC  
Bob, W8OOT  
Dave, KY8OSU  
Tom, W1PDI  
Ann, KA8ZEP

## Thanks to January Net Controls

Elaine, KC8FOS  
Carl, W8KRF  
Tom, W8KYZ

Dave, KY8OSU  
Bob, W8RET  
Tim, NC8X

## Heard on the Nets

Charles, K8AGV  
Dan, K8AGW  
Fred, N8AHS  
Dan, W8AJF  
Ned, WD8CSP  
Charles, K8CVM  
Bryan, KC8DZJ  
Lee, WA8ERA  
Tom, N8FDY  
Elaine, KC8FOS

Jody, KE8GKO  
Joe, W8GWD  
Chris, KD2HCE  
Dan, KD8JAN  
Dan, K8KGX  
Carl, W8KRF  
Tom, W8KYZ  
Robert, KE8LDM  
Jack, N8NDL  
Bob, W8OOT

Dave, KY8OSU  
Dave, WV8P  
Tom, W1PDI  
Alan, KF8PM  
Bob, W8RET  
Bill, K8RTR  
Joe, W8SSE  
Russ, WB8UPA  
Gary, KD8VIQ  
Matt, KD8VTX

Bill, K2WJS  
Mark, K8WON  
John, KD8WPE  
Bill, N8WS  
Tim, NC8X  
George, WA8YVF  
Ann, KA8ZEP  
Jeff, KB8ZUN

# February 2019

Sun      Mon      Tue      Wed      Thu      Fri      Sat

|  |                             |   |                    |   |                          |    |
|--|-----------------------------|---|--------------------|---|--------------------------|----|
|  |                             |   |                    |   | 1                        | 2  |
| 3  | 4                           | 5<br>NOARS Monthly Meal 12 Noon<br>10M Net 8 PM | 6<br>BRTN 9:30 PM  | 7<br>2M Net 8 PM<br>NCS Elaine,<br>KC8FOS | 8                        | 9  |
| 10   | 11                          | 12<br>10M Net 8 PM                              | 13<br>BRTN 9:30 PM | 14<br>2M Net 8 PM<br>NCS Tom,<br>W8KYZ    | 15<br>LCARA Meeting 7 PM | 16 |
| 17<br>Mansfield Mid Winter Hamfest 7 AM<br>VE Testing 12:50 PM | 18<br>NOARS Meeting 6:30 PM | 19<br>10M Net 8 PM                              | 20<br>BRTN 9:30 PM | 21<br>2M Net 8 PM<br>NCS Bob,<br>W8RET    | 22                       | 23 |
| 24   | 25                          | 26<br>10M Net 8 PM                              | 27<br>BRTN 9:30 PM | 28<br>2M Net 8 PM<br>NCS Carl,<br>W8KRF   |                          |    |

# Ham Shack Photo Tour

This month the Photo Shack Tour shows the shack of Chet, K8KIZ.



## ICOM Everywhere

**By Tom Porter, W8KYZ**

ICOM started a program in October, 2018, for amateur radio clubs to register their meetings and hamfests for drawings to include SWAG gift bags, ICOM presentations at club meetings and other prizes. You can find more information on the ARRL website. Tom, W8KYZ, registered NOARS for both programs and ICOM has chosen NOARS to receive 15 SWAG gift bags in October 2018. These SWAG gift bags include an ICOM t-shirt, ball

cap, water bottle, and carrying bag. At the Christmas banquet SWAG bags were presented to KY8OSU, Dave, and W8KRF, Carl.

In January 2019 NOARS was randomly selected as "ICOM's Club Net" winner for Segment 4, 2018 (October 1st - December 31st). ICOM will be giving a Club presentation during one of our future meetings.

According to W8KYZ, he looks forward to the CLUB winning one of the equipment prizes!!

# January 21, 2019 Membership Meeting Minutes

Submitted by Elaine, KC8FOS

The meeting was called to order at 6:32 PM by President Carl, W8KRF. 20 members were in attendance.

The Pledge of Allegiance was recited by the group, followed by roll call by call sign. Tom, W8KYZ, welcomed Robert, KE8LDM, a new ham. This was his first visit to a NOARS membership meeting.

Dave, KY8OSU, made a motion to accept the minutes of the November meeting, as printed in the NOARS Log. Dan, W8AJF, seconded the motion. The motion passed.

**Treasurer's Report** - Tom, W8KYZ, related expenses paid for in December, including Windstream. January payments included Windstream as well as payment to OARC, which is the repeater coordinator. Bob, W8OOT made a motion to accept the Treasurer's report, seconded by Joe, W8DYZ. The motion passed.

**President's Report** - Carl, W8KRZ. No report as the contents are talked about later in the meeting.

**Parliamentary Report** - None

**Club Property Report** - Tom, W1PDI. No changes

**Repeaters** - Carl, W8KRZ. Motorboating has been a problem recently. Adjustments were made to audio in the controller. Motorboating is an indication of feedback in the audio. Carl tuned down the receive audio. Carl asked that we keep him up-to-date on how the repeaters are doing. We needed to get a new modem as the one we had, an Actiontec, stopped working. A Windstream tech came out with a Windstream T30 200 modem and it worked fine. The computer's CAT port is not working, we are using Wi-Fi to connect things. Works fine.

**Web Site** - Carl, W8KRF. Up-to-date.

**Membership** - Carl, W8KRF. Renewals are being taken up to the Winter Hamfest. It would be appreciated if you could renew before that. Unpaid memberships will be dropped after the Hamfest.

**Field Day** - Dave, KY8OSU. He will get in contact with Al, N8CX. We should have Field Day again with LCARA since it benefits both clubs. Participants can sign up for times on different stations and bands. The radios' owners won't mind other people using their equipment. There will be a meeting in late May at the Field Day site.

A Field Day sign-up roster will be available. Dave asks that we bring the computer we will use at Field Day to receive the most current logging software. There was a problem last year with the various versions of the software being used not talking to each other.

**Social Committee** - Elaine, KC8FOS. The February Monthly Meal will be on Tuesday, February 5 at noon at the Golden Corral in Elyria on West River Road. All are welcome. The new Lorain County 9 1 1 Call Center community open house is still in the works.

**Program Committee** - Elaine, KC8FOS. Tom, N8FDY, will present the February program, entitled QRZ. Why Bother? Future programs include Eric Jensen, N8AUC, explaining his solar power supply. You may have seen it at last year's Field Day. Also expected is a rescheduled program by Tim Duffy, K3LR, in which he will present about antennas. K3LR is his station, located in western Pennsylvania, close to the border with Ohio. It sports an antenna farm that demonstrates his expertise with antennas.

**Winter Hamfest** - Carl, W8KRF. Carl is taking reservations for sales tables. Let him know if you would like a table. Dan the Tool Man will be unable to attend Hamfest, but his partner Bob Gardner will have 4 tables and bring tools. Tom, W8KYZ, encouraged use of the Self-Serve Table. Bring items to the Hamfest for a donation. All proceeds from the Self-Serve Table go to NOARS. Carl advised that doors open at 6 AM for vendors and 8 AM for the public.

**Sunshine** - No reports for sunshine recently. An enquiry was made concerning DeeDee and her health.

**Nets** - Bob, W8RET, not in attendance. Consensus was the nets seem to be doing well.

**VE** - Tom, W8KYZ. 2 applicants at yesterday's testing. Both passed. Robert, KE8LDM, previously acknowledged by Tom, W8KYZ, was one. He advanced to General Class. The other applicant went to Extra.

**Newsletter** - Tom, N8FDY. The deadline for submitting items to the NOARS Log is January 25<sup>th</sup>. Articles, Letters to the Editor, ads listing items for sale, etc. are welcome. Jack, N8NDL, asserted it is a nice newsletter. He went on to ask if NOARS does anything with the local high

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schools or Lorain Community College to introduce ham radio to the students. Tom, W8KYZ, advised that we don't. We are in competition with iPads and such. Jack asked about Boy Scouts. Tom, W8KYZ talked about public service provided by members of NOARS in October 2018 to Boy Scout Troop 303 in Sheffield Lake, Ohio as part of Jamboree on the Air. There was some discussion of the Scouts' possible interest in a Technician License Class. Opinion was that the class would have to be promoted first. Discussion went on to include needing a connection with the scouts. A point was made that some members of a Medina radio club are in scouts, so they have a bridge. We need a bridge.

**Certificates** - Carl presented a certificate to Harold, K8HRD, for his valuable contribution to NOARS as Official 50/50 Seller at meetings and hamfests. Harold was the 50/50 Seller for 20 years.

Tom Sly, WB8LCD, ARRL Ohio Section Affiliated Club Coordinator, presented a certificate to NOARS, naming it an ARRL Special Service Club. Tom related his story of getting involved with ham radio in the late 1960s as a young man. A neighbor who was a ham helped him build a crystal radio. Tom was hooked and discovered how fun ham radio is. Some say times gone by were the golden age of ham radio. With so many new things happening in ham radio in today's time, the current time is actually the Golden Age of Ham Radio. We need to learn new things to stay up-to-date and have fun. Tom also spoke about the ARRL. Despite some perceived shortcomings, the ARRL is what is keeping business, government, and the military from stripping frequencies away from amateur radio. NOARS is helping the ARRL by being an ARRL Special Service Club which means the club goes above and beyond what a normal club does in that it does things that support the hobby.

Tom also talked about PCARS (Portage County Amateur Radio Service), of which he is a member. Carole Perry,

WG2MGP, will be guest speaker at the March 11 meeting of PCARS. Carole taught Introduction to Amateur Radio to middle school aged students in the New York City Schools. She will talk about programs to reach out to young kids and schools. Her area of expertise is late middle school. Tom has an article about Carole and the PCARS meeting in the January 21 Ohio Section Journal. You can access that here: <http://arrl-ohio.org/news/2019/OSJ-Jan-19.pdf>

**New Business** – Carl, W8KRF.

**2019 Budget.** The NOARS Constitution calls for an Annual Budget, so a 2019 Annual Budget was created and will be voted on tonight. The Budget will indicate what the Board is permitted to spend throughout the year. Tom dispersed paper copies of the budget and discussed expected income and expenditures. Bob, W8OOT made a motion to accept the 2019 Budget, motion seconded by Chet, K8KIZ. The motion passed.

**GroupWorks** - 71 NOARS members were invited to join GroupWorks, 30 accepted the invitation. In the last three months five people have signed in. He suggested we discontinue using GroupWorks. We have other platforms for club communication: Facebook, email, the NOARS Website, and Twitter. Carl will contact GroupWorks and discontinue the service.

**2018 NOARS Review** – Elaine, KC8FOS. See the proceeding article for the 2018 NOARS highlights.

Chet, K8KIZ made a motion to adjourn the meeting, seconded by Tom, W8KYZ. The motion passed. The meeting adjourned at 7:32.

Following the meeting, Jack Nilsson, N8NDL, presented a well-enjoyed program about the antennas he has invented. He calls himself a "multi-patented, senior antenna design inventor. For more information about Jack's antennas go to [www.compactenna.com](http://www.compactenna.com). He will be at NOARS Winterhamfest on March 3, so come on down and see his antennas in person.

## 2018 NOARS Review

**2018 Committees:** Social Committee Dave; KY8OSU, Elaine, KC8FOS; Tom, N8CWF; Russ, KE8GNX. Russ accepted appointment to the Social Committee in November.

**Public Relations Committee:** Dave; KY8OSU, Elaine, KC8FOS; Tom, N8CWF; Consultant Tom, W1PDI

**Parliamentary:** Bob, W8RET. Repeaters, Membership, Website Carl, W8KRF.

**Property Committee:** Tom, W1PDI. Tom volunteered and we accepted.

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**Board:** Dave, KY8OSU, Clark, N8PZD, Carl, W8KRF; Tom, W8KYZ; Tim, NC8X; Tom, N8FDY.

**March** - NOARS Winter Hamfest March 4. High attendance, had to set up more tables for vendors. Thanks to Chet, K8KIZ for Baofeng programming .

**March** - Beginning of Tech Savvy articles for NOARS Log, written by Joe Cebula, W8GWD.

March - Tom Miller, W1PDI, offered free creation and production of new NOARS signs and brochures. Brochures and signs were completed in June.

**Repeaters upgraded.** First motion to purchase a new Yaesu DR-2X approved in March. Approval in May for purchase of 2 more DR-2X machines.

**April** - Darlene Ohman, KA8VTS presented with Special Life Membership.

**May** - Special Olympics. NOARS members who supported the five-hour event were Fred, N8AHS; Chet, K8KIZ; Dave, KY8OSU; and Tom, W8KYZ. Others included Barry, N8VTY (Coordinator); Neal, WD8NZR; Meghan, KE8HFA; and Dan, KD8JAN

**May** - Change in meeting time to 6:30 with a limit of 45 minutes for the business section began.

**June** - Monthly NOARS meals began in June. Golden Corral Elyria at noon the first Tuesday of each month.

**June** - Field Day with LCARA

**July** - NOARS Summer Hamfest. Tom, W8KYZ was the Voice of NOARS; Chet, K8KIZ, was Backup Voice; Dave, KY8OSU, did 50/50 Raffle.

**August** - K3LR Tour

**August** - QRP in the Park.

**August** - Annual Picnic

**October** - Support of Boy Scout Troop 303 in Sheffield Lake. Tom, N8KYZ; Bill, K8RTR; Chet, K8KIZ; Jim, KD8OCW. Provided communications for the troop

during Boy Scouts of America Jamboree on the Air.

**December** – Holiday Banquet.

The following received certificates of recognition for their contributions to NOARS: Chet, K8KIZ and Joe, W8GWD – Chet for submitting interesting, relevant Internet links and Joe for submitting monthly articles concerning antennas to the Log; Tom, N8FDY and Elaine, KC8FOS for their work on the NOARS Log; Carl, W8KRF for work on repeaters, website and membership. Plaques presented were: Tom, W1PDI as Ham of the Year for his leadership in creating the new NOARS brochure and signs. Dave, KY8OSU received the President's Award. The following were unable to attend and will receive certificates at a later date: Tim, NC8X for consistently being an NCS of the 10 meter net; Bob, W8RET for keeping track of the nets; Harold, K8HRD for doing the 50/50 raffle at meetings and hamfests; Clark, N8PZD for being past President

**Programs in 2018:**

February - Trip Down Memory Lane. Ted Neuhaus, W8GUH; Bob Plow, W8NNC; Dan Kutchin, K8AGW; and Chet Roberts, K8KIZ. Related getting into amateur radio when they were teens.

March: Special Repeater Report by Carl, W8KRF.

May: PSK 31 presented by Bob Plow, W8NNC.

June: Carl, W8KRF, explained System Fusion's C4FM and WIRES-X.

August: Annual Picnic

September: Chet, K8KIZ. History of the Sundial.

October: Scott Yonally, N8SY, ARRL Ohio Section Manager, presented what's going on in Ohio and encouraged participation in ARES.

November: Chet, K8KIZ. How to Make Your Own Vacuum Tube from Scratch using \$25,000 Worth of Lab Equipment and a Swiss Army Knife.

**Ham Shack Photo Tours:** May - Dave, KY8OSU. June - Bob, W8RET, August - Harold, K8HRD, October - Dan, K8KGX, November - Carl, W8KRF.

## 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 ads.

## The DX Engineering Retail Showroom

More products on the shelves—get hands-on with the newest radio gear!



**The DX Engineering Retail Showroom**  
Inside the Summit Racing Retail Super Store  
1200 Southeast Ave., Tallmadge, Ohio

- Friendly service
- Expert tech advice from active Hams
- Open-box deals
- Free product brochures
- Easy return processing

### ***Come See Us!***

Retail Showroom is Open  
9 am to 5 pm, Monday-Saturday.

Even when the showroom is closed  
you can order items at the Cashier:

Monday-Saturday: 9 am to 9 pm  
Sunday: 9 am to 7 pm

**DX ENGINEERING®**

## For Sale by Brian

Antique oak table and chair for radio operating. \$100.00

Yamaha stereo receiver. \$100.00

Yamaha DVD PLAYER/NETFLIX. \$40.00

Grace Internet Receiver. \$100.00

Please call Brian at 440.420.1756.

## For sale by Russ, KE8GNX

2018 Baofeng 50X2, 50 WATT Base/Mobile, 2/440, like new. Used three months. Excellent condition. Paid \$169.

Will take \$100.00, firm.

Contact Russ, KE8GNX, at 440.610.6768.

# For Sale by Dave Germ, WV8P

Daiwa CNW 419 antenna tuner

Frequency coverage 1.8-30mhz, antenna tuner is in like-new condition. **\$150.00**

Contact Dave at [wv8p@roadrunner.com](mailto:wv8p@roadrunner.com)



# For Sale by Vic Woconish, N8TN, 440-365-6672

Yaesu FT-One radio \$1200.00

## Antennas

Tri band 10, 15, 20 meter with rotor

10 meter 4 element with rotor

15 meter 3 element with rotor

20 meter single element

15 meter single element

All on the ground

# NOARS Information

## Members of the Board of Directors

President: Carl, W8KRF

Vice President: Dave, KY8OSU

Secretary: Elaine, KC8FOS

Treasurer: Tom, W8KYZ

Others: Tim, NC8X; Tom, N8FDY

## Others

Net Manager: Bob, W8RET

Club Trustee for K8KRG: Al, N8CX

Repeater: Carl, W8KRF, and Tim, NC8X

NOARS Log Editors: Tom, N8FDY, and Elaine, KC8FOS

## Committees

Parliamentary Committee: Bob, W8RET.

Repeater: Carl, W8KRF

Field Day: Al, N8CX

Hamfest: Dee, KA8VTS.

Sunshine: Tom, W8KYZ (temp)

Membership: Carl, W8KRF

Club Property Committee: Tom, W1PDI

Program Committee: Elaine, KC8FOS; Joe, W8DYZ

Social Committee: Elaine, KC8FOS; Dave, KY8OSU;  
Russ, KE8GNX

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

Meetings are held at 6:30 p.m. on the third Monday of every month 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, and Thursday nights at 8 pm. on 146.700 MHz. All licensed amateurs are welcome.

## 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.

## Burning River Traffic Net

The Burning River Traffic Net uses the NOARS repeater (146.700 MHz) Wednesdays at 21:30.

# NOARS

## Winter Hamfest

Annual Hamfest and Computer Show

**Sunday, March 3, 2019**

**8AM - 12PM**

**Lorain County Community College**

**John A. Spitzer Conference Center**

**1005 N. Abbe Rd.**

**Elyria, OH**

**Setup at 6:00 a.m.**

**Doors open at 8:00 a.m.**

**Climate controlled indoor vendor sales**

**Free Parking - Handicap Accessible**

**ARRL APPROVED HAMFEST**

**Just \$7.00 General Admission - under 12 free**

**6 ft. indoor vendor tables - \$10.00**

### PRIZES

**Hourly Prizes starting at 9 AM**

**Need not be present for Main Prizes but must be present for all other prizes.**

**Mobile check-ins and directions on 146.70 (PL 110.9) NOARS repeater**

For table reservation contact:

**Carl Rimmer, W8KRF at (216) 256-9624 (before 9PM EST)**

Email: [winterhamfest@noars.net](mailto:winterhamfest@noars.net)

To find out more, go to the NOARS web site: <http://www.NOARS.net/winter-hamfest>

